

Talked to W.J. Gooden  
3-1-85, There is no top  
to the mesa Verde.  
The mesa Verde is a  
part of the Wasatch

Date first production: 10-2-75

# FILE NOTATIONS

Entered in MID File .....  
Location Map Pinned .....  
Card Indexed .....  
7

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....  
7  
1-3-75

## COMPLETION DATA:

Date Well Completed 1-11-76

Location Inspected .....

DW..... WW..... TA.....

Bond released

GW..... OS..... PA.....

State or Fee Land .....

## LOGS FILED

Driller's Log.....

Electric Logs (No.) .....  
✓

..... I..... Dual I Lat..... GR-N..... Micro.....  
✓

..... Sonic GR..... Lat..... MI-L..... Sonic.....

CBLog..... CCLog..... Others.....

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-10157	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME -	
2. NAME OF OPERATOR Gas Producing Enterprises, Inc.		7. UNIT AGREEMENT NAME Natural Buttes <i>OK</i>	
3. ADDRESS OF OPERATOR P. O. Box 1138, Vernal, UT 84078		8. FARM OR LEASE NAME -	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1805' FWL; 601' FSL, Sec 26, 9S, 21E At proposed prod. zone Same <i>NWSESW</i>		9. WELL NO. 15	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 12 miles ESE of Ouray, Utah		10. FIELD AND POOL, OR WILDCAT Natural Buttes	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 601'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 26, 9S, 21E, SLB&M	
16. NO. OF ACRES IN LEASE 640		12. COUNTY OR PARISH Uintah	
17. NO. OF ACRES ASSIGNED TO THIS WELL 640		13. STATE UT	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 9000'		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4961' Ungraded GR		22. APPROX. DATE WORK WILL START* 1-10-75	

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/4"	13 3/8"	42#	100'	200 sx
10 3/4"	8 5/8"	32#	2000'	250 sx
7 7/8"	4 1/2"	11.6#	9000'	550 sx

See attached 7-Point Well Control Plan

APPROVED BY DIVISION  
OIL & GAS CONSERVATION

DATE 1-3-75

BY C.B. Hughes *sw*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED *K.E. Owen* TITLE Area Superintendent DATE 12-28-74

(This space for Federal or State office use)

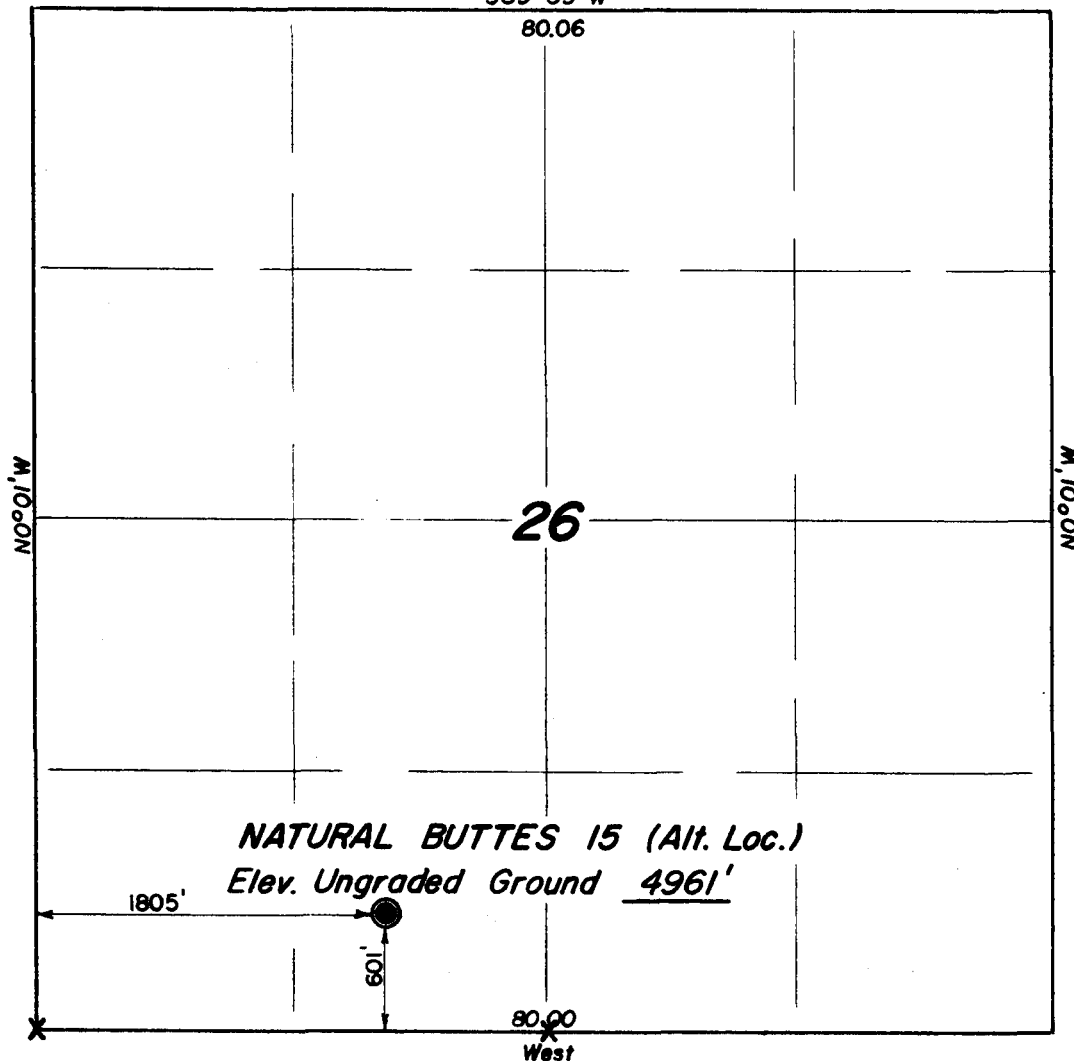
PERMIT NO. 43-047-30204 APPROVAL DATE

APPROVED BY TITLE DATE  
CONDITIONS OF APPROVAL, IF ANY:

**T9S, R21E, S.L.B.&M.**

S89°59' W

80.06



X = Section Corners Located

PROJECT

**GAS PRODUCING ENTERPRISES**

*Well location, Natural Buttes 15,  
located as shown in the SE 1/4 SW 1/4  
Section 26, T9S, R21E, S.L.B.&M.  
Uintah County, Utah*



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Steve Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P. O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 12/19/74
PARTY DA - DG - KS	REFERENCES GLO PLAT
WEATHER COLD	FILE GAS PRODUCING ENTER.

Gas Producing Enterprises, Inc.  
Natural Buttes #15 - Section 26, 9S, 21E, SLB&M  
Lease U-10157

7-Point Well Control Plan

1. Surface Casing: 13-3/8 42# 100' R2, new.
2. Casinghead: 12" 900 Series, 3000# WP, 6000# test.
3. Intermediate Casing: 8-5/8" 24.7# 2000' R2, new.
4. Blowout preventers: 1 QRC preventer, 1 4½" pipe ram, 1 blind ram, 1 inflatable Hydril, 1 Grant rotating head. All flanges 12" 900 Series, 3000# WP, 6000# test, with standard accumulator and N<sub>2</sub> bottles. Manifold includes appropriate valves, chokes, fill line, kill line, and gas-mud separator to control abnormal pressure. Controls on floor and at remote location.
5. Auxiliary equipment: Kelly cocks, string float, TIW safety valves (to be used to control kicks on floor).
6. Anticipated bottom hole pressure at TD - 2500#.
7. Drilling fluid: Well is to be drilled with 9.5# salt water to depth of 5000'. From 5000' to TD, well will be drilled with brine water and starch. Estimated weight - 9.8 to 10#.

**T9S, R21E, S.L.B.&M.**

S89°59' W

80.06

26

**NATURAL BUTTES 15 (Alt. Loc.)**

Elev. Ungraded Ground 4961'

1805'

60'

80.00

West

N 10.00' W

N 10.00' W

X = Section Corners Located

PROJECT  
**GAS PRODUCING ENTERPRISES**

*Well location, Natural Buttes 15,  
located as shown in the SE 1/4 SW 1/4  
Section 26, T9S, R21E, S.L.B.&M.  
Uintah County, Utah*



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REGISTERED LAND SURVEYOR  
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P. O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 12/19/74
PARTY DA - DG - KS	REFERENCES GLO PLAT
WEATHER COLD	FILE GAS PRODUCING ENTER.

*W*

*PF*  
*2*

**GAS PRODUCING ENTERPRISES**

**12 Point Surface Use Plan**

**for**

**Natural Butte #15**

**Sec. 26, T9S, R21E, S.L.B. & M.**

1. EXISTING ROAD

To reach Gas Producing Well Location Natural Buttes #15 located in Section 26, T9S, R21E, S.L.B. & M. proceed 13 miles Southeast from Ouray along the Watson Road to an above ground pipeline, proceed one mile past the above ground pipeline and turn right at intersection, proceed South across White River keeping to main road for 3.6 miles to a "T" intersection, turn left and proceed South for 0.7 miles to access road, proceed Southwesterly for 0.9 miles to location.

2. PLANNED ACCESS ROAD

As shown on the attached topographic map, the planned access road will leave the location on the Northeast corner and proceed North east for approximately 0.8 miles to the intersection with a dirt road. No other access roads are planned. The access road will be a 20' wide road ( 2 10' travel lanes with a bar ditch on each side to permit drainage. Culverts will be placed as needed to permit normal flow of water in existing drainages.

3. LOCATION OF EXISTING WELLS

There are no known wells within a radius of  $\frac{1}{2}$  mile. All existing wells in the area are shown on the attached topographic map.

4. LATERAL ROADS TO WELL LOCATIONS

Roads to existing wells are shown on the attached topographic map.

5. LOCATION OF TANK BATTERIES AND FLOWLINES

See attached topographic map for location of proposed flow lines.

6. LOCATION AND TYPE OF WATER SUPPLY

Water used to drill the well will be hauled from the White River 4.0 miles East of the location.

7. METHODS OF HANDLING WASTE DISPOSAL

All waste will be buried in a pit and covered with a minimum of 2' of cover. A portable chemical toilet will be used for human waste.

8. LOCATION OF CAMPS

There will be no camps.

9. LOCATION OF AIRSTRIPS

There will be no airstrips.

10. LOCATION LAYOUT

See attached location layout sheet.



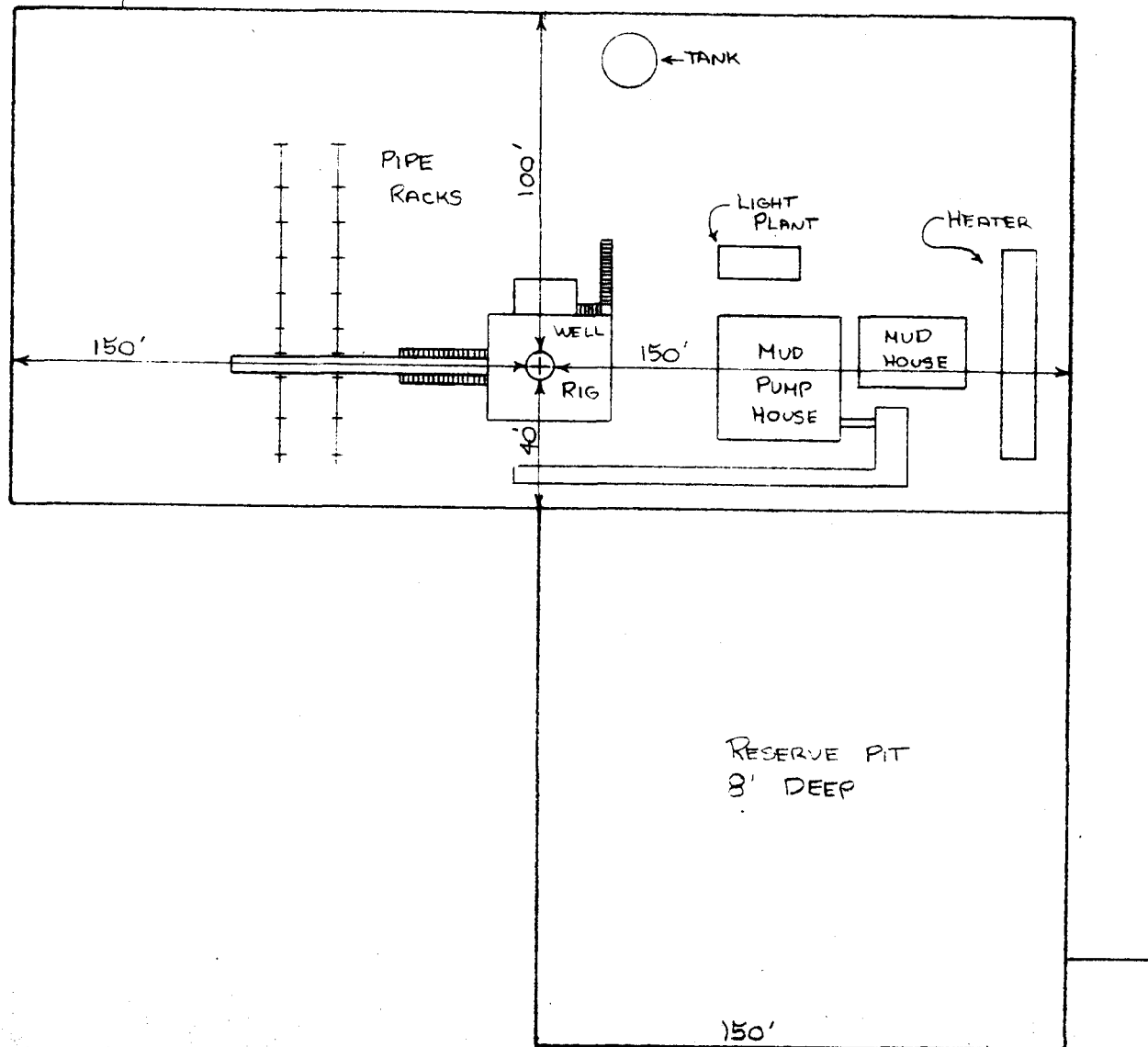
11. PLANS FOR RESTORATION OF SURFACE

There is no measurable top soil in the area. On completion, pits will be filled, and the surrounding area releveled, and reseeded with crested wheat grass at the rate of six pounds per acre.

12. TOPOGRAPHY

The area surrounding the location consists of generally rolling hills and some gullies and washes. The White River passes the location 4 miles East of the location. The area is vegetated with small grasses and sage brush. (See attached topographic map).

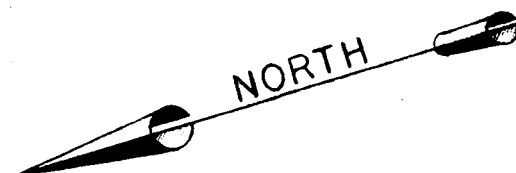
PROPOSED ACCESS ROAD



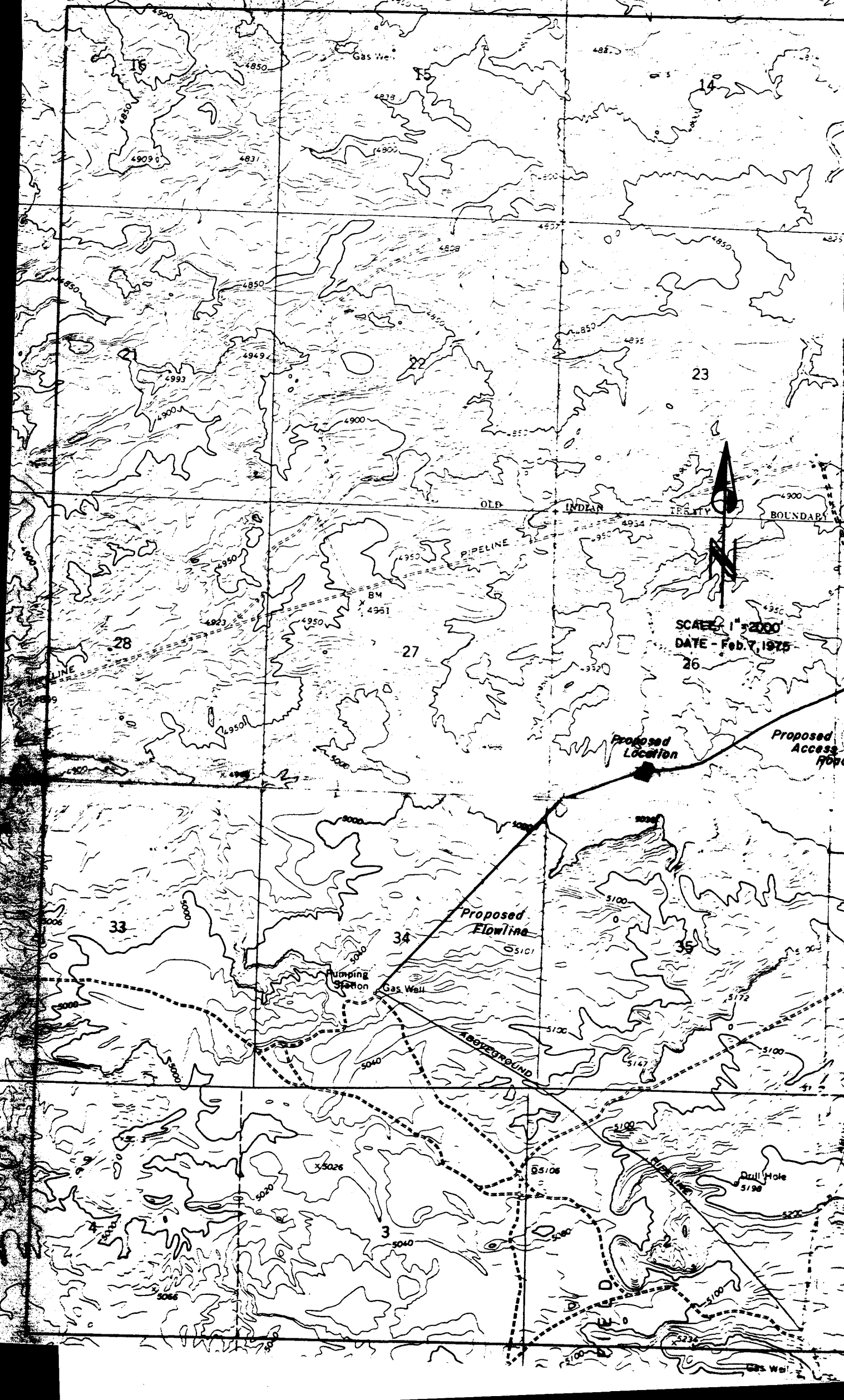
GAS PRODUCING ENTERPRISES

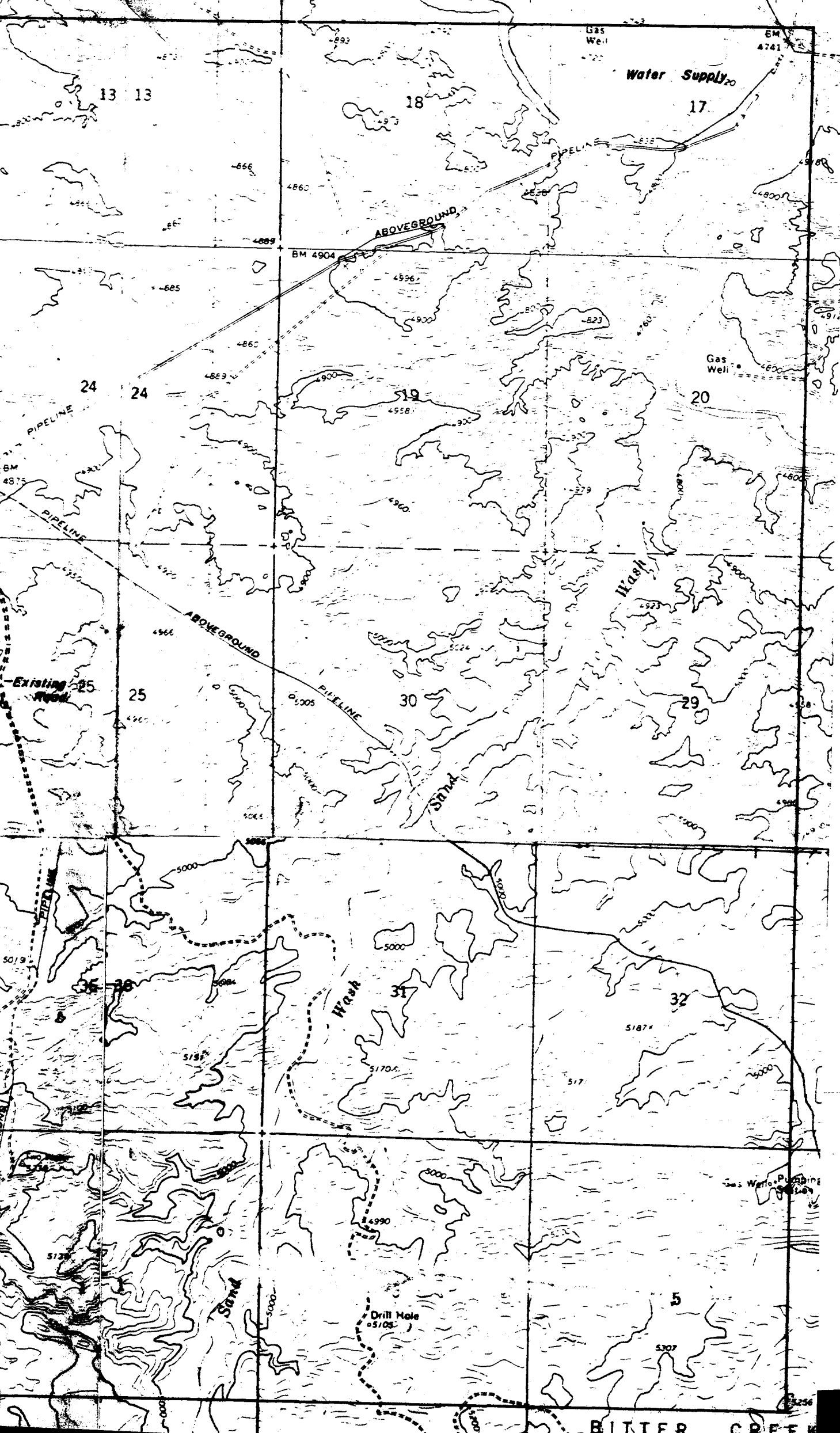
LOCATION LAYOUT

SECTION 26 T9S R21E SLM



SCALE : 1" = 50'  
DATE : FEB. 7, 1975





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R356.5.

LAND OFFICE .....  
LEASE NUMBER State .....  
UNIT Natural Buttes .....

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Natural Buttes

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1975; NB 15

Agent's address P. O. Box 1138 Company Gas Producing Enterprises, Inc.

Vernal, UT 84078 Signed E. R. Helosa

Phone 789-4433 Agent's title Production Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NON-PARTICIPATING										
SESW 26	9S	21E	15							TD 2480' and Drlg. SD 1-10-75

NOTE.—There were ..... runs or sales of oil; ..... M cu. ft. of gas sold;

..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

LAND OFFICE .....  
LEASE NUMBER State .....  
UNIT Natural Buttes .....

## LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Natural Buttes

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1975, NB 15

Agent's address P. O. Box 1138, Company Gas Producing Enterprises, Inc.

Vernal, UT 84078 Signed *E. R. Holara*

Phone 789-4433 Agent's title Production Clerk

[illegible]

NOTE.—There were ..... runs or sales of oil; ..... M cu. ft. of gas sold;

runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget 42-20000-0  
LAND OFFICE \_\_\_\_\_  
LEASE NUMBER State  
UNIT Natural Buttes

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Natural Buttes

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1975, NB 15

Agent's address P. O. Box 1138 Company Gas Producing Enterprises, Inc.

Vernal, UT 84078 Signed E. P. Talara

Phone 789-4433 Agent's title Production Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NON-PARTICIPATING										
SESW 26	9S	21E	15							W/O COMPLETION RIG

NOTE.—There were \_\_\_\_\_ runs or sales of oil; \_\_\_\_\_ M cu. ft. of gas sold;

\_\_\_\_\_ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPL  
(Other instructions  
reverse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

STATE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Natural Buttes

8. FARM OR LEASE NAME

9. WELL NO.

15

10. FIELD AND POOL, OR WILDCAT

Natural Buttes

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 26, T9S, R21E

12. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4961' Ungraded GR

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Perforate well with 1 shot/foot in the following intervals  
(Saraband meas.):8,535-39', 8,617-21', 8,765-69',  
8,808-12', 8,860-64', 8,888-92'

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Area Engineer

DATE October 21, 1975

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

STATE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Natural Buttes

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9. WELL NO.

15

10. FIELD AND POOL, OR WILDCAT

Natural Buttes

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 26, T9S, R21E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL ☐ GAS ☒ OTHER ☐  
WELL WELL

2. NAME OF OPERATOR

Gas Producing Enterprises, Inc.

3. ADDRESS OF OPERATOR

Box 749 - Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1805' FWL, 601' FSL, Section 26, T9S, R21E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4961' Ungraded GR

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☒  
☐  
☐  
☐

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON\*

CHANGE PLANS

☐  
☐  
☐  
☐  
☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

☐  
☐  
☐  
☐

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

☐  
☐  
☐  
☐(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)\*

Fracture perforations from 8,535-8,892' (24 holes - 6 zones), with 133,500  
gallons gelled KCl water, 24,000 gallons 2% KCl water, and 3,000 gallons  
acid. Sand will be 12,000 pounds 40/60 and 216,000 pounds 20/40 mesh.



18. I hereby certify that the foregoing is true and correct

SIGNED

*Ron Scott*

TITLE

Area Engineer

DATE October 21, 1975

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

STATE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Natural Buttes

8. FARM OR LEASE NAME

9. WELL NO.

15

10. FIELD AND POOL, OR WILDCAT

Natural Buttes

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 26, T9S, R21E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL ☐ GAS ☒ OTHER ☐  
WELL WELL

2. NAME OF OPERATOR

Gas Producing Enterprises, Inc.

3. ADDRESS OF OPERATOR

Box 749 - Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1805' FWL, 601' FSL, Section 26, T9S, R21E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4961 Ungraded GR

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☒SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)\*

September 25, 1975: Fractured perforation from 8,535' - 8,892' (24 holes -  
6 zones), with 133,500 gallons gelled KCl water, 24,000 gallons 2% KCl water, and  
3,000 gallons acid. Sand was 12,000 pounds 40/60 and 216,000 pounds 20/40 mesh.  
Fractured at average rate of 25 BPM and 5100psi. Unloaded frac fluid to pit  
9-25 to 9-30, and turned to sales on 9-30-75.

18. I hereby certify that the foregoing is true and correct

SIGNED

*Ron Scott*

TITLE

Area Engineer

DATE

October 28, 1975

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

STATE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Natural Buttes

8. FARM OR LEASE NAME

9. WELL NO.

15

10. FIELD AND POOL, OR WILDCAT

Natural Buttes

11. SEC., T., R., M., OR B.L.K. AND  
SURVEY OR AREA

Sec. 26, T9S, R21E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1.

OIL ☐ GAS ☒  
WELL WELL OTHER

2. NAME OF OPERATOR

Gas Producing Enterprises, Inc.

3. ADDRESS OF OPERATOR

P. O. Box 749 - Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1805' FWL, 601' FSL, Sec. 26, T9S, R21E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4961' Ungraded GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☒

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

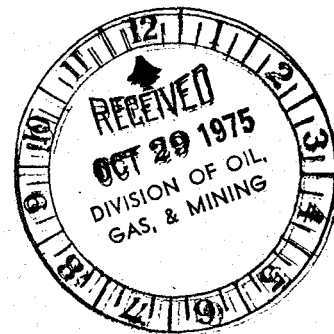
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Well was perforated with 1 shot/foot in the following intervals (Saraband meas.):

8,535-39', 8,617-21', 8,765-69', 8,808-12', 8,860-64', 8,888-92'.

Well attempted to unload - a rig was moved in and tubing run to TD, and well was swabbed in. Tubing was pulled in preparation for frac job, with well flowing @ rate of 70-79 MCFD (stabilized rate, through 4½" casing).



18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Area Engineer

DATE October 28, 1975

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



## COLORADO INTERSTATE GAS COMPANY

## ONE-POINT BACK PRESSURE TEST FOR NATURAL GAS WELLS

COMPANY: <b>GAS PRODUCING ENTERPRISES, INC</b>				LEASE: <b>NATURAL BUTTES UNIT</b>				WELL NUMBER: <b>15</b>	
FIELD: <b>NATURAL BUTTES AREA</b>			PRODUCING FORMATION: <b>MESAVERDE</b>			COUNTY <b>UINTAH COUNTY</b>			
SECTION: <b>26</b>		TOWNSHIP: <b>9S</b>		RANGE: <b>21E</b>		PIPELINE CONNECTION: <b>COLORADO INTERSTATE GAS COMPANY</b>			
CASING (O.D.): <b>4.500</b>		WT./FT.: <b>11.6</b>		I.D.: <b>4.000</b>		SET AT: <b>8936</b>		PERF.: <b>5770</b>	
TUBING (O.D.): <b>2.375</b>		WT./FT.: <b>4.7</b>		I.D.: <b>1.995</b>		SET AT: <b>8925</b>		TO: <b>8892</b>	
PAY FROM:		TO:		L: <b>8925</b>		G(RAW GAS): <b>.609</b>		GL: <b>5435.325</b>	
PRODUCING THRU: <b>TUBING</b>		STATIC COLUMN: <b>YES</b>		PACKER (S) SET @:		G (SEPARATOR): <b>.609</b>		METER RUN SIZE: <b>2.067</b> (FLANGE)	
ATTRIBUTABLE ACREAGE:									

DATE OF FLOW TEST:		<b>9- 9-78</b>		<b>9-12-78</b>		<b>OBSERVED DATA</b>		
ORIFICE SIZE INCHES	METER DIFFERENTIAL RANGE	METER PRESSURE	DIFFERENTIAL ROOTS	FLOWING TEMPERATURE t	CASING WELLHEAD PRESSURE		TUBING WELLHEAD PRESSURE	
					p.s.i.g.	p.s.i.a.	p.s.i.g.	p.s.i.a.
<b>1.000</b>	<b>100</b>	<b>472.0</b>	<b>4.00</b>	<b>66</b>	<b>774.0</b>	<b>787.0</b>	<b>472.0</b>	<b>485.0</b>

RATE OF FLOW CALCULATIONS								
24 HOUR COEFFICIENT	METER PRESSURE p.s.i.a.	hw	P <sub>mhw</sub>	EXTENSION $\sqrt{P_{mhw}}$	GRAVITY FACTOR F <sub>g</sub>	FLOWING TEMP. FACTOR F <sub>t</sub>	DEVIATION FACTOR F <sub>pv</sub>	RATE OF FLOW R MCFD
<b>5073.0</b>	<b>485.0</b>	<b>16.00</b>	<b>7760.000</b>	<b>88.091</b>	<b>1.281</b>	<b>.9943</b>	<b>1.0409</b>	<b>592.48</b>

DATE OF SHUT-IN TEST:		<b>9-15-78</b>		<b>PRESSURE CALCULATIONS</b>				
SHUT-IN PRESSURE:		<b>927.0</b>		<b>487.0</b>		<b>13.000</b>		<b>940.0</b>
CASING: p.s.i.g.		TUBING: p.s.i.g.		BAR. 14.4 p.s.i.		P <sub>c</sub>		<b>803600.0</b>
P <sub>w</sub> p.s.i.a.	P <sub>w</sub> <sup>2</sup>	P <sub>r</sub>	T <sub>r</sub>	Z				
<b>787.0</b>	<b>619369.0</b>							

POTENTIAL CALCULATIONS		
(1) $\frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} =$	<b>3.3440</b>	(2) $\left[ \frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} \right]^n =$
		<b>2.1265</b>
(3) R $\left[ \frac{P_c^2 - P_a^2}{P_c^2 - P_w^2} \right]^n =$	<b>1260</b>	
CALCULATED WELLHEAD OPEN FLOW <b>1260</b> MCFD @ 14.65		
BASIS OF ALLOCATION:		SLOPE n: <b>.625</b>
APPROVED BY COMMISSION:		CHECKED BY:
CONDUCTED BY:		

I, \_\_\_\_\_, BEING FIRST DULY SWORN ON OATH, STATE THAT I AM FAMILIAR WITH FACTS AND FIGURES SET FORTH IN THIS REPORT, AND THAT THE REPORT IS TRUE AND CORRECT.

\_\_\_\_\_  
SIGNATURE AND TITLE OF AFFIANT

\_\_\_\_\_  
COMPANY

SUBSCRIBED AND SWORN TO BEFORE ME THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 19 \_\_\_\_\_

MY COMMISSION EXPIRES \_\_\_\_\_

\_\_\_\_\_  
NOTARY PUBLIC

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN DUPLICATE\*  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 42-R1424.

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME Natural Buttes
2. NAME OF OPERATOR GAS PRODUCING ENTERPRISES, INC.		8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR P.O. BOX 749 - DENVER, COLORADO 80201		9. WELL NO. 15
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1805' FWL & 601' FSL, Section 26, T9S, R21E		10. FIELD AND POOL, OR WILDCAT Natural Buttes
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 26, T9S, R21E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4961 Ungraded GR		12. COUNTY OR PARISH Uintah
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input checked="" type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. Set Baker Mercury Model "N" bridge plug at  $\pm$  8,300' (CBL measurement) and dump 20' of sand on top. Test after setting plug to assure positive seal.
2. Perforate the following zones with one shot per foot (3-1/8" casing gun - CBL measurement):  
8,262-66'; 8,232-36'; 8,183-87'; 8,022-26'; 7,952-56'; 7,930-34'; 7,842-46'; 7,759-63';  
7,735-39'; 7,632-36'; 7,570-74'; 7,415-19'; 7,364-68'; 6,657-61'; 6,442-46'; 6,365-69';  
5,924-28'; 5,770-74'
3. Test well.
4. Frac well with 364,500 gallons fluid and 531,000 pounds of sand.
5. Clean up well.
6. Drill out the bridge plug.
7. Strip tubing in well and replace tree for normal production.

18. I hereby certify that the foregoing is true and correct.

SIGNED R. D. Scott

TITLE Area Engineer

DATE January 5, 1976

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. STATE _____	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR Gas Producing Enterprises, Inc.		7. UNIT AGREEMENT NAME Natural Buttes Unit	
3. ADDRESS OF OPERATOR P. O. Box 749 - Denver, Colorado 80201		8. FARM OR LEASE NAME _____	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1805' FWL and 601' FSL, Sec. 26, T9S, R21E At top prod. interval reported below At total depth Same Same		9. WELL NO. 15	
14. PERMIT NO. _____ DATE ISSUED Jan. 22, 1975		10. FIELD AND POOL, OR WILDCAT Natural Buttes	
15. DATE SPUDDED 1-10-75		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 26, T9S, R21E	
16. DATE T.D. REACHED 2-20-75		12. COUNTY OR PARISH Uintah	
17. DATE COMPL. (Ready to prod.) Jan. 11, 1976		13. STATE Utah	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4675 RKB		19. ELEV. CASINGHEAD 4663'	
20. TOTAL DEPTH, MD & TVD 9005'		21. PLUG, BACK T.D., MD & TVD 8957'	
22. IF MULTIPLE COMPL., HOW MANY* N/A		23. INTERVALS DRILLED BY _____ ROTARY TOOLS Yes	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wasatch-Mesaverde: 5770' - 8892'		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN FDC-CNL, DIL, BHC-SONIC, CBL-GR		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13 3/8"	54.5#	68'	17 1/4"
8 5/8"	24.0#	2008'	10 3/4"
4 1/2"	11.6#	8986'	7 7/8"
CEMENTING RECORD			
100 sks, Class "G" + 2% Cacl			
250 sks, Class "G" + 2% Cacl			
730 sks, 50-50 POZ + 2% gel + 12 1/2# gilsonite/sk.			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	8925'	N/A	
31. PERFORATION RECORD (Interval, size and number) 5770-8892; 96 perforations			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) See Sundry Reports of 10-28-75, and 1-5-76 for details of massive fracture treatments and perforating record.			
33.* PRODUCTION			
DATE FIRST PRODUCTION 10-2-75	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 4-29-76	HOURS TESTED 24	CHOKE SIZE 26/64	PROD'N. FOR TEST PERIOD 3
FLOW. TUBING PRESS. 550	CASING PRESSURE 800	CALCULATED 24-HOUR RATE 3	OIL—BBL. 885
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		TEST WITNESSED BY K. E. Oden	
35. LIST OF ATTACHMENTS All logs sent under previous cover.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Ron Scott</u>		TITLE Area Engineer	
DATE 5-5-76			

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING

DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

DESCRIPTION, CONTENTS, ETC.

FORMATION

TOP

5770

Bottom

Not fully

penetrated

No DST's or cores. logs show many porous

sandstone bodies.

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Wasatch-

Mesaverde

5770

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Wasatch-

Mesaverde

5770

Bottom

Not fully

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No DST's or cores. logs show many porous

sandstone bodies.

38.




UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER			5. LEASE DESIGNATION AND SERIAL NO. STATE
2. NAME OF OPERATOR GAS PRODUCING ENTERPRISES, INC.			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 749 - DENVER, COLORADO 80201			7. UNIT AGREEMENT NAME NATURAL BUTTES UNIT
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1805' FWL & 601' FSL SECTION 26, T9S, R21E			8. FARM OR LEASE NAME
14. PERMIT NO.			9. WELL NO. 15
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4,961' UNGR. GR.		10. FIELD AND POOL, OR WILDCAT BITTER CREEK FIELD	11. SEC., T., R., M., OR BLE. AND SURVEY OR ABBA SECTION 26, T9S, R21E
		12. COUNTY OR PARISH UINTAH	13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>RAN BATS &amp; TEMPERATURE LOGS</u> <input checked="" type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

RAN BATS & TEMPERATURE LOGS AND LOCATED SOURCES OF PRODUCTION.

18. I hereby certify that the foregoing is true and correct

SIGNED R. G. Merrill TITLE AREA ENGINEER DATE APRIL 8, 1977

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

## COLORADO INTERSTATE GAS COMPANY

## WELL TEST DATA FORM

STATE COPY

FIELD CODE <b>560-01-81</b>			FIELD NAME <b>NATURAL BUTTES, UT</b>			OPERATOR CODE <b>2915</b>			OPERATOR NAME <b>COASTAL OIL &amp; GAS CORPORATION</b>			WELL NAME <b>NATURAL BUTTES UNIT 15</b>		
WELL CODE <b>72614</b>			LOCATION TOWNSHIP/BLK RGE/SUR. <b>26 9S 21E</b>			PANHANDLE/REDCAVE SEQ. NUMBER K-FACTOR <b>21E</b>			FORMATION <b>MESAVERDE</b>			FLOW TEST <b>LINE UTAS 580</b>		
WELL ON - (OPEN)			DATE (COMP.)			ORIFICE SIZE			METER RUN SIZE			COEFFICIENT		
MO.	DAY	YR.	MO.	DAY	YR.									
11-12	13-14	15-16	17-18	19-20	21-22	23-24			25-26			27-28		
X X	X X	X X	X X	X X	X X	X X			X X			X X		
WELL-OFF (SHUT-IN)			SHUT-IN TEST			SLOPE			EFFECTIVE DIAMETER			EFFECTIVE LENGTH		
			PRESSURE TAKEN DATE			CASING PRESSURE (PSIG)			TUBING PRESSURE (PSIG)			GRAVITY (RAW GAS)		
MO.	DAY	YR.	MO.	DAY	YR.									
11-12	13-14	15-16	17-18	19-20	21-22	23-24			25-26			27-28		
X X	X X	X X	X X	X X	X X	X X X X X			X X X X X			X X X X X		
			10 17 83			013380			004200			625 1 9950 8925		
METER STAMP			REMARKS:			T.D. WELL 05-10-82 - T.P. AT PARKERS REQUEST								

1983 NOV 8 AM 9:18  
 DEPT. OF LAND MGMT.  
 BUR. OF LAND MGMT.

TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.

CIG:

OPERATOR:

COMMISSION:

## COLORADO INTERSTATE GAS COMPANY

## WELL TEST DATA FORM

STATE COPY

FIELD CODE 560-01-81			FIELD NAME NATURAL BUTTES, UT			OPERATOR CODE 2915			OPERATOR NAME COASTAL OIL & GAS CORPORATION			WELL NAME NATURAL BUTTES UNIT 15																	
WELL CODE 3-7 72614			LOCATION SECT. TOWNSHIP/BLK RGE/SUR. 26 9S 21E			PANHANDLE/REDCAVE SEQ. NUMBER K-FACTOR			FORMATION MESAVERO			FLOW TEST 1																	
WELL ON (OPEN)			DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING STRING TUBING CASING	
MO.	DAY	YR.	MO.	DAY	YR.	SIZE		SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING STRING TUBING CASING	
11-12	13-14	15-16	17-18	19-20	21-22	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75
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WELL-OFF (SHUT-IN)			PRESSURE TAKEN			DATE			CASING PRESSURE (PSIG)			TUBING PRESSURE (PSIG)			SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.		
MO.	DAY	YR.	MO.	DAY	YR.	DATE			CASING PRESSURE (PSIG)			TUBING PRESSURE (PSIG)			SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.		
11-12	13-14	15-16	17-18	19-20	21-22	23	28	29	34	35	38	39	44	45	49	50	53	54	55										
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			09	28	82	014050		002880																					
METER STAMP	72614			00750			0510-82			REMARKS TEMP. DISC. - COASTAL WILL RE-WORK WELL AT A LATER DATE. LINE PRESS. → 535																			
TEMP. DISC. GET SHUT IN PR. AND LINE PR.																													

TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.

CIG:

OPERATOR:

COMMISSION:

## COLORADO INTERSTATE GAS COMPANY

## WELL TEST DATA FORM

STATE COPY

FIELD CODE 560-01-11			FIELD NAME NATURAL BUTTES			OPERATOR CODE 2915		OPERATOR NAME COASTAL OIL & GAS CORPORATION			WELL NAME NATURAL BUTTES UNIT 15																				
WELL CODE 72614		SECT 26	LOCATION TOWNSHIP/BLK 9S		RGE/SUR. 21E	PANHANDLE/REDCAVE SEQ. NUMBER		K-FACTOR		FORMATION MESAVERDE		FLOW TEST																			
WELL ON (OPEN)			DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING STRING TUBING		Casing	
MO.	DAY	YR.	MO.	DAY	YR.																										
11-12	13-14	15-16	17-18	19-20	21-22	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75		
X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X X	X	X	X	
								1	939						100																
WELL-OFF (SHUT-IN)			SHUT-IN TEST			SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.													
			PRESSURE TAKEN			DATE		CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)																					
MO.	DAY	YR.	MO.	DAY	YR.																										
11-12	13-14	15-16	17-18	19-20	21-22	23	28	29	34	35	38	39	44	45	49	50	53	54	55												
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						01850	0	01760	0		625	1	9950		8925																
METER STAMP			REMARKS: TEMP. DISCONNECT																												

TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.

CIG:

OPERATOR:

COMMISSION:

COLORADO INTERSTATE GAS COMPANY

WELL TEST DATA FORM

STATE COPY

FIELD CODE 560-01-1			FIELD NAME NATURAL BUTTES			OPERATOR CODE 2915	OPERATOR NAME CAS PRODUCING ENTERPRISES, INC			WELL NAME NATURAL BUTTES UNIT 15			
WELL CODE 3 2614	SECT. 26	LOCATION TWNHP/BLK 9S		RGE/SUR. 21E		PANHANDLE/REDCAVE SEQ. NUMBER		K-FACTOR		FORMATION RESAVERDE		FLOW TEST	

WELL ON (OPEN)			DATE (COMP.)			ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING STRING TUBING		CASING	
MO.	DAY	YR.	MO.	DAY	YR.																										
11-12	13-14	15-16	17-18	19-20	21-22	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75		
X X	X X	X X	X X	X X	X X	X X	X X X	X X	X X X	X X X X X	X	X	X X X	X X X	X X X X X	X		X X	X X	X X X	X X X	X X X X X	X	X X X X X	X	X X X X X	X	X	X		

WELL-OFF (SHUT-IN)			PRESSURE TAKEN			DATE			SHUT-IN TEST		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.		
MO.	DAY	YR.	MO.	DAY	YR.																				
11-12	13-14	15-16	17-18	19-20	21-22	23	28	29	34	35	38	39	44	45	49	50	53	54	55						
X X	X X	X X	X X	X X	X X	X X X X X	X	X X X X X	X	X	X X X	X X X X X	X X X X X	X X X X X	X	X X X	E	E							
09	02	80	09	09	80	01377	0	00082	0	625	10000	8925													

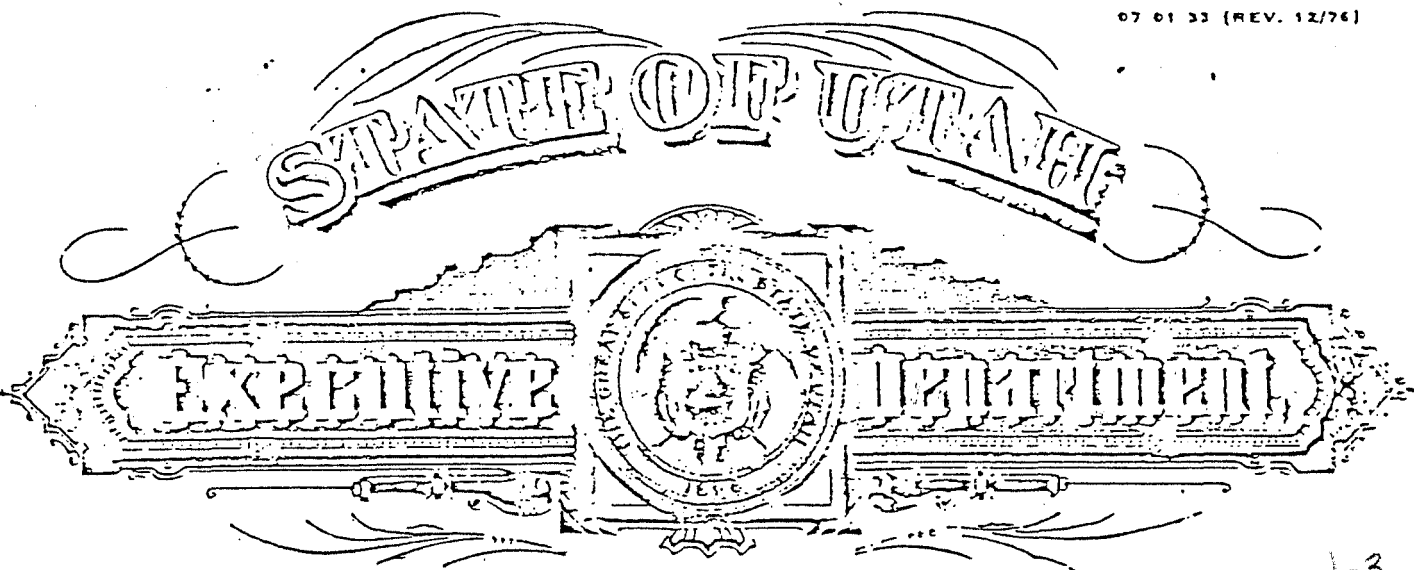
METER STAMP	REMARKS:									
	Tubing loaded w/ water.									

## COLORADO INTERSTATE GAS COMPANY

## WELL TEST DATA FORM

STATE COPY

FIELD CODE 775-01-11			FIELD NAME NATURAL BUTTES AREA						OPERATOR CODE 2015		OPERATOR NAME CAS PRODUCING ENTERPRISES, INC						WELL NAME NATURAL BUTTES UNIT 15																					
WELL CODE 7			SECT. 26			LOCATION TWN 38S R 21E			PANHANDLE/REDCAVE SEQ. NUMBER 01000			K-FACTOR 2.257			FORMATION MEGACOVERDE			FLOW TEST FLOW TEST			1																	
WELL ON (OPEN)			DATE (COMP.)						ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING STRING TUBING		CASING					
MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.
11-12	13-14	15-16	17-18	19-20	21-22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



Office of Lt. Governor/Secretary of State  
 AMENDED CERTIFICATE OF AUTHORITY  
 OF

COASTAL OIL & GAS CORPORATION

I, DAVID S. MONSON, Lt. Governor/Secretary of State of the State of Utah, hereby certify that duplicate originals of an Application of  
 COASTAL OIL & GAS CORPORATION formerly  
 GAS PRODUCING ENTERPRISES, INC.

for an Amended Certificate of Authority

duly signed and verified pursuant to the provisions of the Utah Business Corporation Act, have been received in my office and are found to conform to law.

ACCORDINGLY, by virtue of the authority vested in me by law, I hereby issue this Amended Certificate of Authority to  
 COASTAL OIL & GAS CORPORATION  
 to transact business in this State

and attach hereto a duplicate original of the Application for such Amended Certificate.

File No. #49324

IN TESTIMONY WHEREOF, I have  
 hereunto set my hand and affixed the  
 Great Seal of the State of Utah at Salt  
 Lake City, this 4th day of  
 April A.D. 1978

*David S. Monson*

LT. GOVERNOR/SECRETARY OF STATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 749, Denver, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1805' FWL & 601' FSL  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) NTL-2B Unlined Pit		

*Approval denied*

5. LEASE  
ML-10170-01

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
Natural Buttes Unit

8. FARM OR LEASE NAME  
Natural Buttes

9. WELL NO.  
Natural Buttes Unit #15

10. FIELD OR WILDCAT NAME  
Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR SECTION  
AREA 26-T9S-R21E

12. COUNTY OR PARISH  
Uintah

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4675' RKB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This application is to request approval to dispose of produced waters in an unlined pit with a bentonite seal. The subject well produces less than one BWPd. The attached water analysis gives the composition of produced waters. Water is produced from the Wasatch-Mesaverde formation. The evaporation rate for the area compensated for annual rainfall is 70 inches per year. The percolation rate is 2-6 inches per hour for the area. The pit itself is 30' x 30' at the surface, tapering down to 25' x 25', having a depth of 6-1/2 feet. See the attached map for location of well site. The pit is located at the well site.

The areal extent and depth of waters containing less than 10,000 ppm TDS is unknown. The cement for the 4-1/2" casing is brought back near surface which protects all surface waters.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED E. R. Midkiff TITLE Production Superintendent DATE August 18, 1980

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:





**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

**SUBMIT TRIPLICATE\***  
 (Other instructions on reverse side)

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
 Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1. OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> ML-10170-01
<b>2. NAME OF OPERATOR</b> Coastal Oil & Gas Corporation		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> NA
<b>3. ADDRESS OF OPERATOR</b> P. O. Box 749, Denver, CO 80201		<b>7. UNIT AGREEMENT NAME</b> Natural Buttes Unit
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1805' FWL & 601' FSL		<b>8. FARM OR LEASE NAME</b> Natural Buttes Unit
<b>14. PERMIT NO.</b>		<b>9. WELL NO.</b> NBU 15
<b>15. ELEVATIONS</b> (Show whether DF, RT, OR, etc.) 4675' RKB		<b>10. FIELD AND POOL, OR WILDCAT</b> Natural Buttes Unit
<b>16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data</b>		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Sec. 26-T9S-R21E
<b>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS</b> (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		<b>12. COUNTY OR PARISH</b> Uintah
<b>18. I hereby certify that the foregoing is true and correct</b>		<b>13. STATE</b> Utah

**Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> - Recomplete	

**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

**17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Abandon Lower Wasatch and Mesaverde perms 5770-8892' and recomplete in Upper Wasatch from 4998'-5688' as per attached procedure.

RECEIVED

JAN 17 1985

DIVISION OF  
 OIL, GAS & MINING  
 ACCEPTED  
 APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 1/15/85  
 BY: John R. Buse

Federal approval of this action  
 is required before commencing  
 operations.

**18. I hereby certify that the foregoing is true and correct**

SIGNED

*W. J. Gooden*  
 W. J. Gooden

TITLE Production Engineer

DATE January 15, 1985

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

RECOMPLETION PROCEDURE  
NBU # 15  
SW Section 26-T9S-R21E  
Natural Buttes Unit  
Uintah County, Utah

WELL DATA

Location: 1805' FWL & 601' FSL Section 26-T9S-R21E

Elevation: 4675' KB, 4661' G.L.

TD: 9005' PBTD: + 8893'

Completion Date: 1-11-76

Cumulative Production: 795 MMCF

Casing: Surface - 13-3/8" 54.5# set at 68' w/100 sx.

Intermediate - 8-5/8" 24.0# set at 2008' w/250/sx.

Production - 4-1/2" 11.6# N-80 set at 8986' w/730 sx. TOC 5622' @ CBL

Casing ID/Capacity: 4.00"/.0155 bbl/ft.

Casing Drift Diameter: 3.875"

Tubing: 2-3/8" 4.7# landed at 8878' (Bottom Jt. cut off)

Perforations: Lower Wasatch and Mesaverde 5770'-8892' Total: 96 Holes

Stimulation: Fraced with total of 456,900 gallons gelled water and 761,000 lbs sand.

Present Status: SI - logged off.

PROCEDURE

1. Fill hole with formation water and run injectivity test at 2000 psi, 2500 psi and 3000 psi.  
Note: Lower Wasatch and Mesaverde are potential future disposal zones.
2. Kill well w/brine water and ND tree, NU BOP's.
3. POOH w/2-3/8" tubing.  
Note: If tubing is stuck cut at +8600'.

Verbal Approval: Alon McKee, BLM, Vernal @ 2 PM 1-15-85

Recompletion Procedure  
NBU # 15  
SW Section 26-R9S-R21E  
Natural Buttes Unit  
Uintah County, Utah

14. RD and release SU.
15. Breakdown formation w/3400 gallons 7 $\frac{1}{2}$ 1/2% HCl and 32 1.1 sp. gr. ball sealers.
16. Flow well to pit immediately. Check flow rate. If production is commercial, flow to pipeline for extended cleanup.
17. Frac down 4-1/2" casing with 50,000 gallons low-residue cross-linked gel and 100,000 lbs 20/40 sand as follows:
  - A. Pump 10,000 gallons 50# gel pad
  - B. Pump 10,000 gallons 40# gel w/1 ppg.
  - C. Pump 10,000 gallons 40# gel w/2 ppg.
  - D. Pump 10,000 gallons 40# gel w/3 ppg.
  - E. Pump 10,000 gallons 40# gel w/4 ppg.
  - F. Displace to bottom of perfs w/3% KCl water. Overdisplace 5 bbl.
- Note:
  1. Frac to have 3% KCl base.
  2. Maximum surface pressure: 4500 psi.
  3. Pump @ 35 to 45 BPM.
  4. Additives:
    - a. Gel breaker
    - b. Friction reducer
    - c. Surfactant
    - d. Clay stabilizer
    - e. Bacteriacide
  5. Minimum Temp. 60°F
18. Shut well in overnight.
19. Flow well to pit to cleanup after frac.
20. Notify CIG to reconnect well to pipeline.
21. Obtain BHP between three days after shut-in and initial sales.

Prepared by: W.J. Gooden  
W.J. Gooden, Production Engineer

Date: 12-27-84

Approved by: Wendell Cole  
Wendell Cole, District Geologist

Date: 12-27-84

Approved by: Frank R. Midkiff  
Frank Midkiff, District Production Manager

Date: 12/27/84

Recompletion Procedure  
 NBU #15  
 SW Section 26-T9S-R21E  
 Natural Buttes Unit  
 Uintah County, Utah

4. Set EZSV retainer @ 5755' w/WL. Use dump bailer to cap w/2 sx sand.
5. Pressure test retainer and casing to 4500 psi.
6. Perf csg @ 5600' w/4 squeeze holes.
7. TIH w/RTTS packer on 2-3/8" tubing and set @ 5400'. Pressure test packer w/3000 psi on annulus.
8. Squeeze cement through perfs at 5600' by pumping 100 bbl 3% KCl water followed by 600 sx 50-50 Pozmix w/2% gel and 10% salt. Pump @ 5-6 BPM w/o exceeding 3000 psi surface pressure. Displace to 5550' w/3% KCl water. 8-5/8" x 4-1/2" casing to be open during job. If annulus circulates at surface cement with total of 1200 sx. (Est cement top @ 2000' w/25% excess). Open by-pass and reverse circulate tubing. SI overnight to allow cement to set.
9. Release RTTS and POOH with pkr and tubing.
10. TIH w/3-7/8" mill and casing scraper. Clean out cement to 5750'. POOH and LD tubing, casing scraper and mill.
11. Run CBL w/GR-CCL from 5750' to top of cement (+ 4000' w/600 sx or + 2000' w/1200 sx). Hold 1000 psi on casing while running CBL log.
12. ND BOP's, NU 5000 psi frac valve.
13. Perforate 4-1/2" casing w/3-1/8" casing gun 1 JSPF as follows:

FDC-CNL (2-21-75)

4998'  
 5243'  
 5244'

5352'  
 5357'  
 5359'  
 5361'

5471'  
 5475'

5536'  
 5539'  
 5546'  
 5549'  
 5551'

5686'  
 5688'

Total: 16 Holes

PRODUCING STATUS: SI - Logged off w/ Water.  
WELLHEAD WORKING PRESSURE: \_\_\_\_\_

KB ELEVATION: \_\_\_\_\_

FORM. TOPS \_\_\_\_\_

#### DOWNOLE SCHEMATIC

LEASE: Natural Buttes  
WELL #: NBU # 15  
FIELD: Natural Buttes  
LOCATION: Sect 26-T45-R21E  
COUNTY/STATE: Uintah Utah  
TD: 8985'  
PBD: 8881'  
PERFS: 5770'-8892'

PROD. FORM(S): WASATCH / MESA VERDE

DATE: 10/31/89 BY: WJG

ITEM, QUANTITY, DEPTHS, GRADE, WEIGHT, CPLG, Etc.

O.D.

I.D.

HOLE SIZE: \_\_\_\_\_"

#### SURFACE CASING:

O.D. 13 3/8", WEIGHT(S) 54.5 #

GRADE(S) \_\_\_\_\_, CPLG \_\_\_\_\_

SET AT 68' W/ 100 SX

HOLE SIZE: 10 3/4"

INTERMEDIATE CASING-  
8 5/8" 24# N-80 set at  
2008' w/ 250 SX cement.

HOLE SIZE: 7 7/8"

PRODUCTION CASING: 4 1/2"  
11.6 # set at 8986'  
w/ 730 SX. TOC @ 5625'

TUBING: 2 3/8" 4.7# J-55  
hung at 8878'

PERFS: 5770'-8892'

TOP OF FISH 8881'

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER X Line F-8

2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR  
P. O. Box 749, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface 1805' FWL & 601' FSL

14. PERMIT NO.  
?

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4675' RKB

RECEIVED

JAN 28 1985

DIVISION OF OIL  
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
ML-10170-01

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NA

7. UNIT AGREEMENT NAME  
Natural Buttes Unit

8. FARM OR LEASE NAME  
Natural Buttes Unit

9. WELL NO.  
NBU 15

10. FIELD AND POOL, OR WILDCAT  
Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA  
Section 26-T9S-R21E

12. COUNTY OR PARISH 13. STATE  
Uintah Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

☐  
☐  
☐  
☐  
☒

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

☐  
☐  
☐  
☐  
☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

☐  
☐  
☐  
☐

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

☐  
☐  
☐  
☐

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

CIG plans to reinstall from Station #82+52.8 to Station 85+73.2 a total of 320.4 ft of 2" pipe for the referenced shut in well. This new pipe installation will be on the same location as that pipe approved to be retired on March 26, 1984 by BLM. The pipe will be referred to as F8 - Reinstall.

Coastal Oil & Gas Corporation has submitted plans to reenter the well to recomplete.

18. I hereby certify that the foregoing is true and correct

SIGNED

L. W. Thying

TITLE

District Drilling Engineer

Denver District

DATE

January 24, 1985

(This space for Federal or State office use)

APPROVED BY

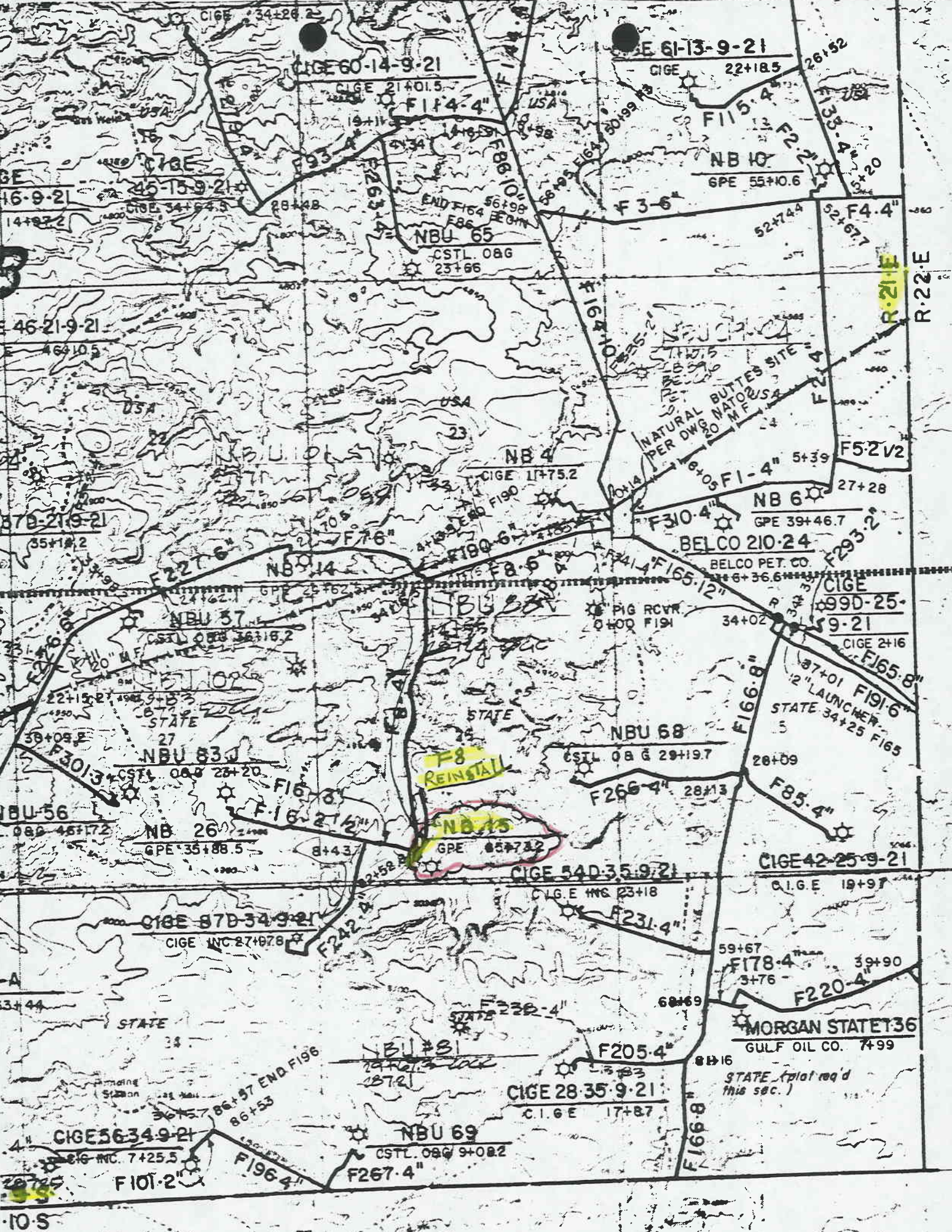
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side







STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. ML-10-170-01	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input checked="" type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA	
2. NAME OF OPERATOR Coastal Oil & Gas Corporation				7. UNIT AGREEMENT NAME Natural Buttes Unit	
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, CO 80201				8. FARM OR LEASE NAME Natural Buttes Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1805' FWL & 601' FSL (SE-SW) At top prod. interval reported below Same At total depth				9. WELL NO. NBU #15	
14. PERMIT NO. 43047-30204 DATE ISSUED Jan. 22, 1975				10. FIELD AND POOL, OR WILDCAT Natural Buttes Unit	
15. DATE SPUDDED 1-10-75				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 26-T9S-R21E	
16. DATE T.D. REACHED 2-20-75				12. COUNTY OR PARISH Utah	
17. DATE COMPL. (Ready to prod.) 2-16-85 1-11-76				13. STATE Utah	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4675' KB				19. ELEV. CASINGHEAD 4661' GL	
20. TOTAL DEPTH, MD & TVD 9005'		21. PLUG, BACK T.D., MD & TVD 5752' (Retainer)		22. IF MULTIPLE COMPL., HOW MANY* NA	
23. INTERVALS DRILLED BY		ROTARY TOOLS 0 - TD		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wasatch 5352-5688'					25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL w/GR-CCL Dated 2-5-85					27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54.5#	68'	17-1/4"	100 Sx	
8-5/8"	24#	2008'	10-3/4"	250 Sx	
4-1/2"	11.6#	8986'	7-7/8"	730 Sx squeeze w/total	850 Sx
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
NA					
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2-7/8"	4995'	4995'			
31. PERFORATION RECORD (Interval, size and number)					
1 JSPF w/3-1/8" casing gun.					
5352'	5471'	5539'	5686'		
5357'	5475'	5544'	5688'		
5359'		5549'			
5361'		5550'	Total: 12 Holes		
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
5352'-5688'			Frac with 47,000 gallons gelled water, 90,000 lbs 20/40 sand and 7 ball sealers		
33. PRODUCTION					
DATE FIRST PRODUCTION 2-16-85		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) SI - WOPLC
DATE OF TEST 2-16-85	HOURS TESTED 4	CHOKE SIZE 16/64"	PROD'N. FOR TEST PERIOD	OIL—BBL. 0	GAS—MCF. 433
FLOW. TUBING PRESS. 1750	CASING PRESSURE NA	CALCULATED 24-HOUR RATE	OIL—BBL. 0	GAS—MCF. 2600	WATER—BBL. 0
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented			TEST WITNESSED BY R. J. Lewis		
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					

SIGNED W. J. GoodenTITLE Production EngineerDATE February 21, 1985

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 19:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:			38. GEOLOGIC MARKERS			
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES						
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Wasatch top	4721'	(+241')



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

June 28, 1985

Coastal Oil & Gas Corporation  
P.O. Box 749  
Denver, Colorado 80201

Gentlemen:

Re: Well No. NBU 15 - Sec. 26, T. 9S., R. 21E.,  
Uintah County, Utah - API #43-047-30204

According to our records a "Well Completion Report" filed with this office February 21, 1985 on the above referenced well indicates the following electric logs were run: SBL w/GR-CCL. This office has not yet received these logs.

Please take care of this matter as soon as possible, but not later than July 12, 1985.

Your cooperation in this matter is appreciated.

Sincerely,

Pam Kenna  
Well Records Specialist

cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
File

0161S/3

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

14

### SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

<b>1. OIL WELL</b> <input type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b> <input type="checkbox"/>		<b>5. LEASE DESIGNATION AND SERIAL NO.</b> ML-10170-01
<b>2. NAME OF OPERATOR</b> Coastal Oil & Gas Corporation		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</b> NA
<b>3. ADDRESS OF OPERATOR</b> P. O. Box 749, Denver, CO 80201		<b>7. UNIT AGREEMENT NAME</b> Natural Buttes Unit
<b>4. LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1805' FWL & 601' FSL		<b>8. FARM OR LEASE NAME</b> Natural Buttes Unit
<b>14. PERMIT NO.</b>		<b>9. WELL NO.</b> NBU #15
<b>15. ELEVATIONS</b> (Show whether DF, RT, OR, etc.) 4675' KB		<b>10. FIELD AND POOL, OR WILDCAT</b> Natural Buttes Unit
<b>16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data</b>		<b>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Sec.26-T9S-R21E
<b>17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS</b> (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*		<b>12. COUNTY OR PARISH</b> Uintah
<b>18. I hereby certify that the foregoing is true and correct</b>		<b>13. STATE</b> Utah

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/> <u>Recompletion/First Sales</u>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The Lower Wasatch and Mesaverde perms 5770'-8892' were abandoned and the well was recompleted in the Wasatch from 5352'-5688' as per the attached chronological report of operations. First sales from the recompletion was on March 12, 1985.

**RECEIVED**

MAR 15 1985

**ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**

DIVISION OF OIL  
GAS & MINING

DATE: 3/21/85  
BY: John R. Bagg

18. I hereby certify that the foregoing is true and correct

SIGNED W. J. Gooden

TITLE Production Engineer

DATE March 13, 1985

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

NATURAL BUTTES UNIT #15 RECOMPLETION  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100%  
TD: 9005'

Page 22

- 2/9/85 Road to location FTP 0 psi. RU Western & acidize w/1800 gallons 7½% HCl & 24 1.3 sp. gr. ball sealers. Flush w/3% KCl water. Balled out @ 4500 psi. AR 5 BPM AP 2500 psi. ISDP 600 psi 10 min. 500 psi. Open to pit on 16/64" ck 30 minutes FTP = 250 psi 2" stream water. RD and release SU. 1 pm well dead. SI for pressure buildup.
- 2/10/85 WO frac. STTP 0 psi - Open to pit - well dead.
- 2/11/85 Prep to frac. Well dead.
- 2/12/85 RU Western Co and frac Wasatch perfs 5352-5688' (12 holes) down 2-7/8" tubing w/47,000 gallons gelled water & 90,000 lbs 20/40 & 71.1 sp. gr. ball sealers in 2 stages as follows:  
Stage 1: 6500 gallons pad and 4500 gallons stages of 1, 2, 3, & 4 ppg sand at 15 BPM with 2600 psi decreasing to 2300 psi.  
Stage 2: 4500 gallon pad w/7 ball sealers and 4500 gallon stages w/ 1, 3, 3 & 4 ppg sand at 15 BPM press inc to 3300 psi w/balls on perfs - good ball action - press dec. from 3300 psi to 2900 psi - flush with 40 bbl 3% KCl water. ISIP 1100 psi 15 min 1000 psi. 30 min 1000 psi SION. LTR = 1199 bbl.
- 2/13/85 7:30 AM Wellhead frozen - call hot oiler to thaw.  
11:30 AM SITP 500 psi. Open to pit on 16/64" choke 1/2 hr. FTP = 450 psi, 1-1/2" stream load water.  
2:30 PM 16/64" choke FTP 175 psi 1-1/2" stream water-surfing.
- 2/14/85 Open to pit on 16/64" choke. FTP 425 psi. Est. gas rate 550 MCFD unloading fine water at 170 BWPD. Ran WLM and tagged frac sand fill at 5612'. Bottom perfs at 5686 and 5688 (2 holes) covered).
- 2/15/85 16/64" choke FTP 600 psi. Est 750 MCFD w/30-40 BWPD unloading in slugs w/trace frac sand. Rec 3 ball sealers. 7 am 2/15/85 FTP 475 psi choke washed out - blowing dry gas w/frac sand. SI well to change choke.
- 2/16/85 SI - changing out choke.
- 2/17/85 SI WOPLC. Replace choke & open to pit on 16/64" choke. 4 hrs FTP 1750 psi 16/64" ck 2600 MCFD dry gas. SI @ 3 PM WOPLC. Well recompleted 2/16/85. Wasatch perfs 5352'-5688' (12 holes).
- 2/18/85 SI WOPLC - Prep to build surface facilities SITP 2100 psi/16 hrs. CIG scheduled to start on well connection 2/25/85.
- 3/13/85 SITP 2100 psi. First sales from Wasatch recompletion at 1:30 pm on 3/12/85.

NATURAL BUTTES UNIT #15 RECOMPLETION  
NATURAL BUTTES UNIT  
UINTAH COUNTY, UTAH  
WI: 100%  
TD: 9005'  
CSG: 8-5/8" @ 2008  
TOC @ 5622  
PERFS:

21

- 1/26/85 Rd to location SITP 500 psi. Annulus - 600 psi. Pump 45 bbls 10 ppg brine dwn 4-1/2" up annulus at 2 BPM & 600 psi with oil & water returns. TIH and set Baker packer at 2005'. Cement hole @ + 3200' as follows: Establish circ by pumping 35 bbl brine @ 3 BPM & 0 psi w/oil & water returns. 200 sx 50-50 Poz w/8% gel & 10% salt & 36 sx Class H @ 3 BPM & 100 psi. Close 8-5/8" x 4-1/2" annulus & squeeze 50 sx Class H cement @ 1 BPM in 5 stg w/press increase from 100 psi to 650 psi - SI w/500 psi. Left 14 sx Class H in 4-1/2". Note: Total cement - 200 sx 50-50 Poz and 100 sx Class H.
- 1/27/85 SD for weekend/ WOC.
- 1/28/85 Prep to pull pkr & drill cement. SD for Sunday.
- 1/29/85 Rd to location - SITP 0 psi. SICP 0 psi 8-5/8" x 4-1/2" SIP - 600 psi. Release packer and POOH. Run 3-3/4" mill tooth bit and 4 - 3-1/8" drill collars on 2-3/8" tbg. RU power swivel and drill cement stringer 2851' - 2882' and hard cement 2882' - 3058'. Pull 5 stds & SDFN.
- 1/30/85 Road to location. Drill hard cement from 3058' to 3307' - Pressure test to 500 psi - OK. Drill hard cement to 3364' - Pull 4 stds. SDFN. Note: Top of bad pipe between 3202' and 3235'.
- 1/31/85 Road to location. SIP on annulus = 300 psi. Bled off in 2 hrs. Drill hard cement 3364' to 3431' - Press test to 500 psi at 3400'. OK. TOOH and change out bit. TIH. Drill hard cement to 3494' SDFN.
- 2/1/85 Annulus SIP 300 psi. Road to location. TIH and drill hard cement from 3494' to 3836'. Pressure test at 3600' 500 psi Ok: 3783' 500 psi OK; 3836' 500 psi bled back to 440 psi in 20 minutes. POOH and change bit to 3-5/8" mill. TIH w/4 drill collars & 7 stds tbg. SDFN.
- 2/2/85 Road to location. TIH to 5442' mill "junk" cement from 5442' to 5500'. Start milling on retainer. Pull 3 stds & SDFN.
- 2/3/85 SD for Sunday. SD for weekend/weather.
- 2/4/85 Milling retainer @ 5500'. SD for Sunday.
- 2/5/85 Road to location. Finish milling retainer at 5500'. Mill 20' cement. Circulate bottoms up. POOH. LD mill and PU 3-3/4" bit - TIH and RU to drill. Drill 62' cement to 5582' - Pull 2 stds and SDFN.
- 2/6/85 Road to location. Drill cement from 5582' to 5600 - RIH and circ out fill from 5710' to 5731'. Circ bottoms up w/sand in returns. Press test csg to 500 psi for 15 minutes - Okay. Circulate hole w/10 ppg brine. POOH & LD 2-3/8" tbg, 4 drill collars & bit. RU OPW and run CBL w/GR-CCL from 5731-5000' w/500 psi and 5000-2000' w/no pressure. 5731'-5200' 65-90% bond. TOC @ 1st "squeeze" = 4800' cmt 2nd squeeze 2930-3930'. SDFN. Note: RA anomaly on GR @ 2720'-2740'.
- 2/7/85 Run 4-1/2" cas-ng scraper to 4986' KB on 2-7/8" 7.9# Ph-6 Hydril - Picking up 2-7/8". POOH & std back tbg. Left csg scraper in hole. Run sinker bars on swab line - Tagged scraper at 5690'. SDFN.
- 2/8/85 Road to location. RU Gearhart and perforate Wasatch 1 JSPF w/3-1/8" csg gun as follows:  
5352' 5471' 5539' 5686'  
5357' 5475' 5544' 5688'  
5359' 5549'  
5361' 5550'  
Depth Reference: Schlumberger FDC-CNL (2-21-75) Total 12 holes. Push casing to 5731' (top of sand on retainer). TIH w/Baker R-3 pkr on 2-7/8" 7.9 Ph-6 Hydril tbg - set at 4995' w/17,000 lb compression. ND BOP's NU tree. RU to swab - swab cups would not go through crossover - Agitate with 2-3/8" swab cups. IFL 600' FFL 300'. No recovery. Leave open to pit on 24/64" choke. SDFN.

RECEIVED

Form 9-331  
Oct. 1973Form Approved  
Budget Bureau No. 42-R1424UNITED STATES SEP 09 1985  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY DIVISION OF OIL  
GAS & MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☐  
well well other2. NAME OF OPERATOR  
Coastal Oil & Gas3. ADDRESS OF OPERATOR  
P.O. Box 1138 Vernal, Utah 840784. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17  
below.)  
AT SURFACE:  
AT TOP PROD. INTERVAL: Facility Location  
AT TOTAL DEPTH: Sec. 26-T9S-R21E16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,  
REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐(other) Amended location from original submission(NOTE: Report results of multiple completion or zone  
change on Form 9-330.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates,  
including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and  
measured and true vertical depths for all markers and zones pertinent to this work.)\*

A revision is requested from the original sundry, regarding the installation of unloading and landing lines. The main purpose of the revision is to prevent any vehicles (H<sub>2</sub>O trucks) from traveling upon the dikes.

Verbal approval from Brad Palmer, BLM, Vernal District and Brian Nelson  
Utah State Dept. of Water and Pollution Control, Sept. 3, 1985.

attachments  
cc: file

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ FL

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

DATE

(This space for Federal or State office use)

APPROVED BY

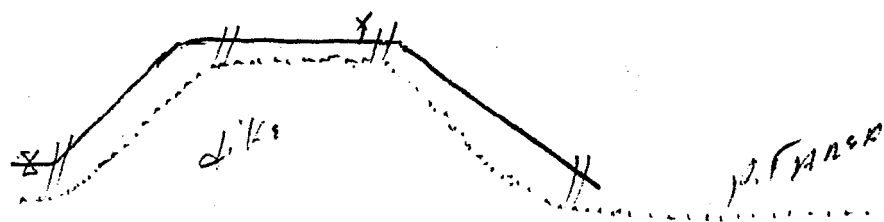
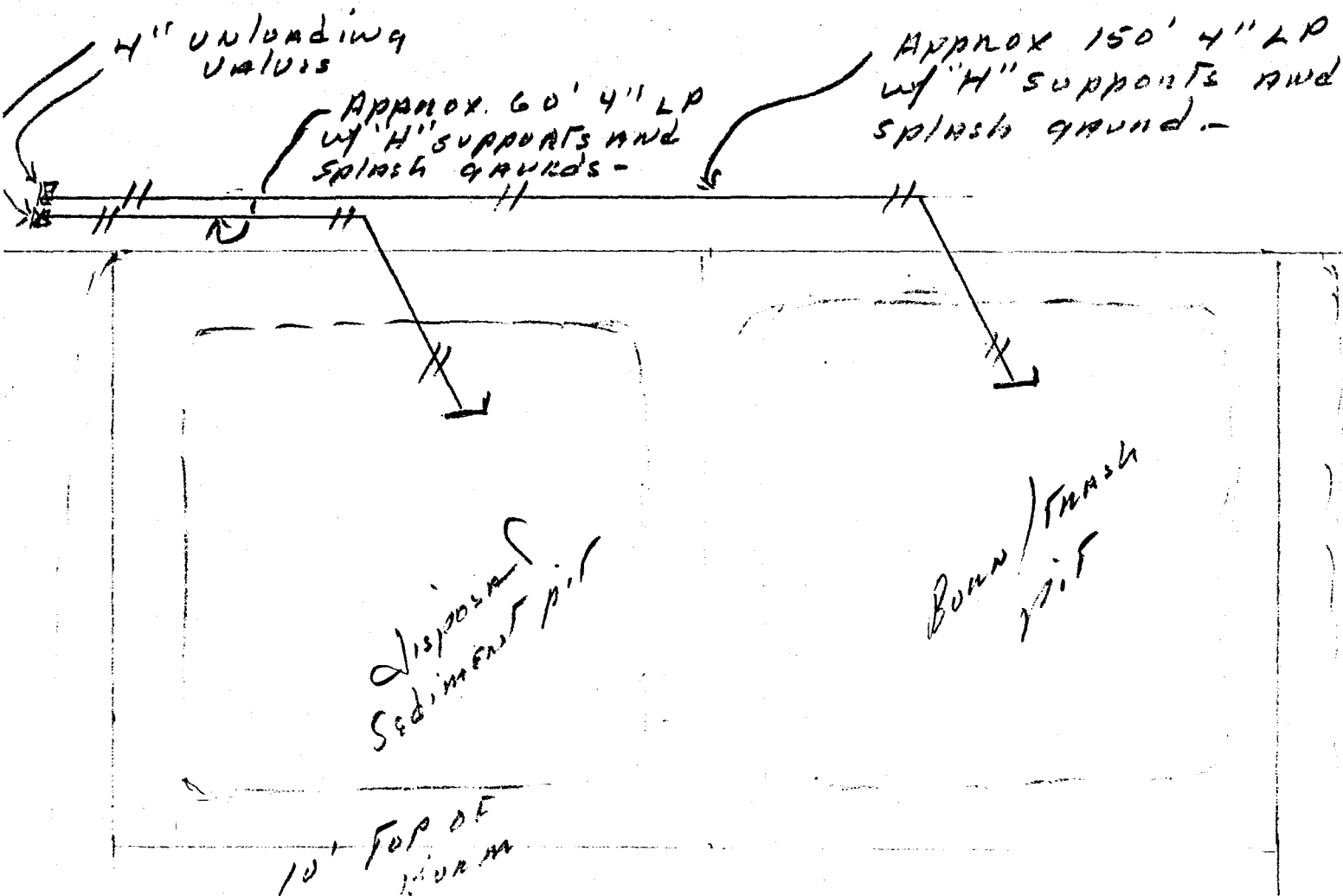
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# Proposed Surface Lines for unloading

BEST COPY  
AVAILABLE



Land Line for Foundation H&O  
to be constructed on top of  
dykes - (prevent seepage)



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on  
reverse side)

Form approved  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. ML-10170-01 TA-Wsmud
2. NAME OF OPERATOR Coastal Oil & Gas Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A 121610
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201-0749		7. UNIT AGREEMENT NAME Natural Buttes Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1805' FWL & 601' FSL		8. FARM OR LEASE NAME Natural Buttes Unit
14. PERMIT NO. 43-047-30204		9. WELL NO. NBU #15
15. ELEVATIONS (Show whether DF, ST, CR, etc.) 4675' KB		10. FIELD AND POOL, OR WILDCAT Natural Buttes Unit
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 26-T9S-R21E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The above captioned well is temporarily abandoned 12-7-87. The well is logged off. Work to return the well to production is uneconomical.

RECEIVED  
DEC 11 1987  
DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank  
Brenda W. Swank

TITLE Assoc. Regulatory Analyst

DATE 12-9-87

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

14

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug a well or to construct a reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED  
JAN 25 1988

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER  
2. NAME OF OPERATOR  
Coastal Oil & Gas Corporation  
3. ADDRESS OF OPERATOR  
P. O. Box 749, Denver, Colorado 80201-0749  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
1805' FWL & 601' FSL

14. PERMIT NO.  
43-047-30204  
15. ELEVATIONS (Show whether DF, HT, CR, etc.)  
4675' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
(Other) ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
ABANDON\* ☐  
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐  
FRACTURE TREATMENT ☐  
SHOOTING OR ACIDIZING ☐  
(Other) Retraction of prior notice ☒  
REPAIRING WELL ☐  
ALTERING CASING ☐  
ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please disregard sundry notice dated 12-9-87 stating that this well was temporarily abandoned on 12-7-87. The well has been on production since it was recompleted in Wasatch (5352'-5688') on 3-12-85.

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank TITLE Associate Regulatory Analyst DATE 1-21-88

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

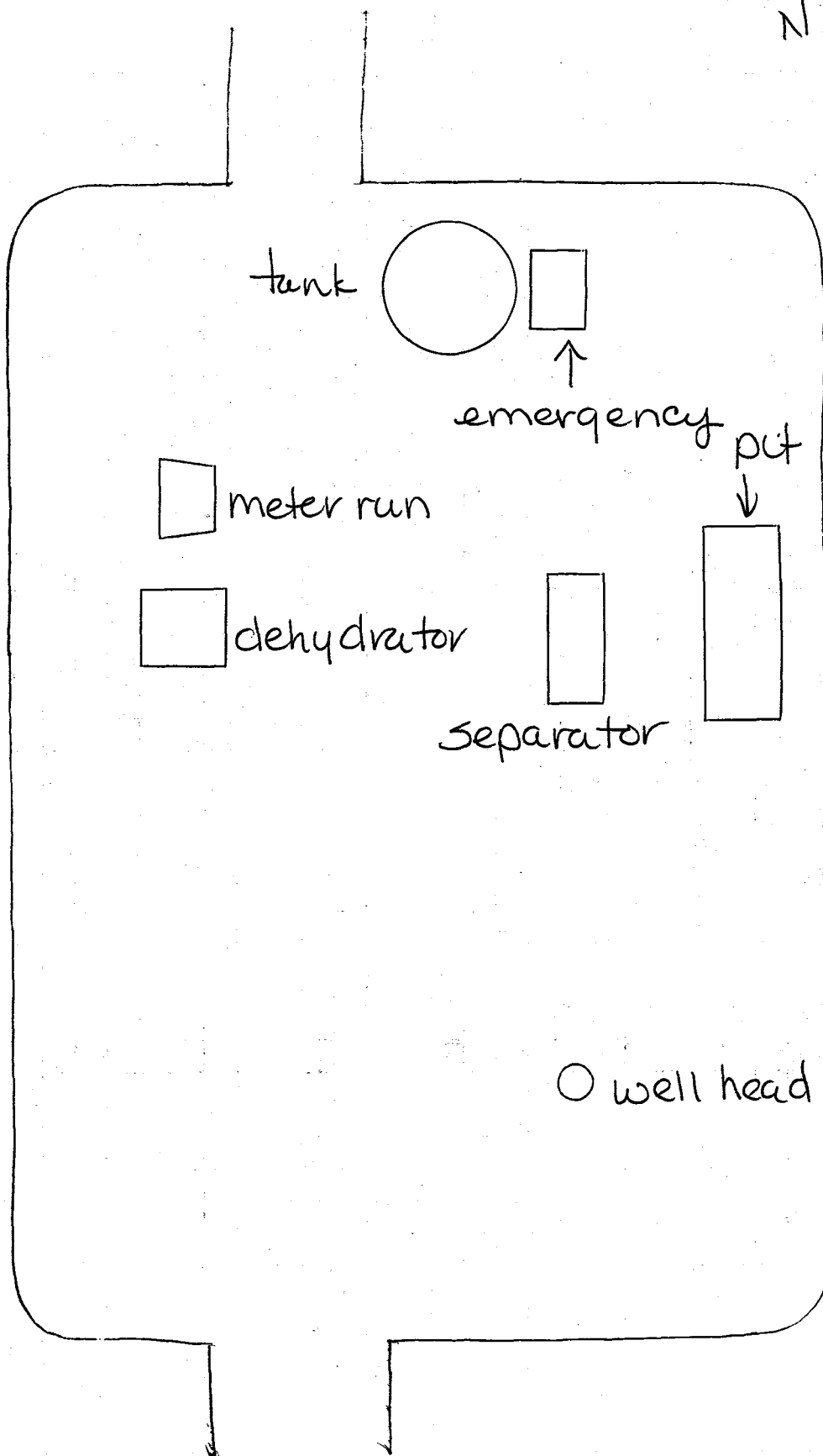
\*See Instructions on Reverse Side

NBU 15

Sec 26, T9S, R21E

Kuhly 1/30/89

N



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. <b>See attached list</b>
2. Name of Operator <b>Coastal Oil and Gas Corporation</b>	6. If Indian, Allottee or Tribe Name <b>See attached list</b>
3. Address and Telephone No. <b>P. O. Box 749, Denver, CO 80201-0749 (303) 573-4476</b>	7. If Unit or CA, Agreement Designation <b>Natural Buttes Unit</b>
4. Location of Well (Footage, Sec., T., R., M., Or Survey Description) <b>See attached list.</b>	8. Well Name and No. <b>See attached list</b>
	9. AAPI Well No. <b>See attached list</b>
	10. Field and Pool, Or Exploratory Area <b>Natural Buttes</b>
	11. County or Parish, State <b>Uintah County, Utah</b>

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Install telemetry equpt</u>	<input type="checkbox"/> Dispose Water

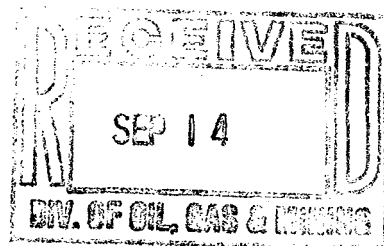
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

The operator requests permission to install automatic gauging and gas sales optimization equipment on the listed wells.

The installation will consist of GH Flow's "Automate," a remote gas flow computer which includes electronic gas measurement. Also, a tank level alarm, tubing and casing pressure, and an automatic choke will be installed on some of the listed wells for gas flow sales optimization and labor reduction. Some wells will have temperature alarms installed on the separator and dehydrator to prevent a high-cost major failure. Wells with intermitters will be controlled with the GH Flow Automate RTU instead of the existing mechanical timer.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**



14. I hereby certify that the foregoing is true and correct

Signed <u>Bonnie Johnston</u>	Title <u>Environmental Coordinator</u>	Date <u>09/09/94</u>
(This space for Federal or State office use)		
APPROVED BY _____	Title _____	Date _____
Conditions of approval, if any: _____		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

Well	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	API #	Location of Well At Surface	Section, Township, Range
CIGE #40-3	U-0149078	N/A	43-047-30740	'1333' FWL & 1337' FSL NE/SW	Sect.3, T10S-R21E
CIGE #95D-14-10-21-J	U-01393-C	N/A	43-047-31166	'1977' FSL & 2004' FWL NE/SW	Sect.14, T10S-R21E
CIGE #158-21-9-21	UTU-0576	N/A	43-047-32158	1980' FSL & 660' FEL NE/SE	Sect.21, T9S-R21E
CIGE #59-21-10-21	U-02278	N/A	43-047-30548	809' FSL & 1081' FWL	Sect.21, T10S-R21E
CIGE #6-19-9-21	U-0581	N/A	43-047-30356	1122' FSL & 1542' FEL	Sect.19, T9S-R21E
NBU #129	UTU-010950A	Ute Tribal Surface	43-047-31965	2055' FNL & 569' FEL	Sect.22, T9S-R21E
NBU #144	UTU-0149075	N/A	43-047-32044	1151' FNL & 761' FWL	Sect.23, T9S-R21E
NBU #15	ML-10170-01	N/A	43-47-30204	1805' FWL & 601' FSL	Sect.26, T9S-R21E
NBU #189	U-0149075	Ute Tribal Surface	43-047-32236	1551' FWL & 1064' FSL SE/SW	Sect.23, T9S-R21W
NBU #26	U-01194-A-ST	N/A	43-047-30252	1320' FSL & 1320' FEL	Sect.27, T9S-R21E
NBU #6	U-0149076	N/A	43-047-30083	1434' FEL & 1356' FSL	Sect.24, T9S-R21E

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT" - for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil and Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

See attached list.

5. Lease Designation and Serial No.

See attached list

6. If Indian, Alottee or Tribe Name

See attached list

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

See attached list

9. API Well No.

See attached list

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Install telemetry equpt  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

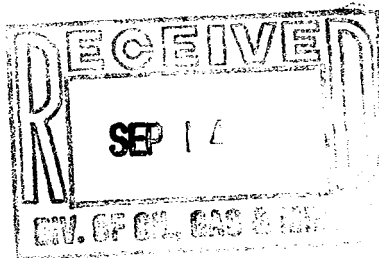
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

The operator requests permission to install automatic gauging and gas sales optimization equipment on the listed wells.

The installation will consist of GH Flow's "Automate," a remote gas flow computer which includes electronic gas measurement. Also, a tank level alarm, tubing and casing pressure, and an automatic choke will be installed on some of the listed wells for gas flow sales optimization and labor reduction. Some wells will have temperature alarms installed on the separator and dehydrator to prevent a high-cost major failure. Wells with intermitters will be controlled with the GH Flow Automate RTU instead of the existing mechanical timer.

Accepted by the  
Utah Division of  
Oil, Gas & Mining  
FOR RECORD ONLY



14. I hereby certify that the foregoing is true and correct

Signed Bonnie Johnston Title Environmental Coordinator

Date 09/09/94

(This space for Federal or State office use)

APPROVED BY

Conditions of approval, if any:

Title

Date

Well	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	API #	Location of Well At Surface	Section, Township, Range
CIGE #40-3	U-0149078	N/A	43-047-30740	'1333' FWL & 1337' FSL NE/SW	Sect.3, T10S-R21E
CIGE #95D-14-10-21-J	U-01393-C	N/A	43-047-31166	'1977' FSL & 2004' FWL NE/SW	Sect.14, T10S-R21E
CIGE #158-21-9-21	UTU-0576	N/A	43-047-32158	1980' FSL & 660' FEL NE/SE	Sect.21, T9S-R21E
CIGE #59-21-10-21	U-02278	N/A	43-047-30548	809' FSL & 1081' FWL	Sect.21, T10S-R21E
CIGE #6-19-9-21	U-0581	N/A	43-047-30356	1122' FSL & 1542' FEL	Sect.19, T9S-R21E
NBU #129	UTU-010950A	Ute Tribal Surface	43-047-31965	2055' FNL & 569' FEL	Sect.22, T9S-R21E
NBU #144	UTU-0149075	N/A	43-047-32044	1151' FNL & 761' FWL	Sect.23, T9S-R21E
NBU #15	ML-10170-01	N/A	43-47-30204	1805' FWL & 601' FSL	Sect.26, T9S-R21E
NBU #189	U-0149075	Ute Tribal Surface	43-047-32236	1551' FWL & 1064' FSL SE/SW	Sect.23, T9S-R21W
NBU #26	U-01194-A-ST	N/A	43-047-30252	1320' FSL & 1320' FEL	Sect.27, T9S-R21E
NBU #6	U-0149076	N/A	43-047-30083	1434' FEL & 1356' FSL	Sect.24, T9S-R21E

(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

See Attached Spreadsheet

6. If Indian, Alottee or Tribe Name

See Attached Spreadsheet

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

See Attached Spreadsheet

9. API Well No.

See Attached Spreadsheet

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Coastal Oil &amp; Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

See Attached Spreadsheet

43-047-30204

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

## TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒Other Dispose of Produced Water☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

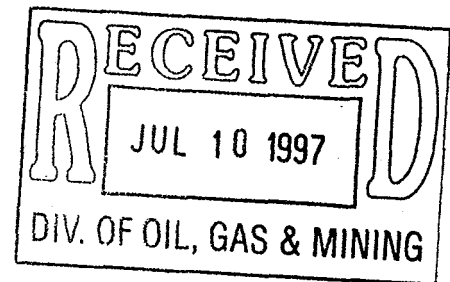
☐

Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)\*

The Operator requests permission to dispose produced water from the referenced wells into storage tanks on the individual locations. The water will subsequently be hauled by truck to Coastal's NBU #159 salt water disposal well located at NESW, Section 35, T9S-R21E, where the produced water will be injected.



14. I hereby certify that the foregoing is true and correct

Signed

Bonnie Carson

Title Senior Environmental Analyst

Date

07/07/97

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side



COASTAL OIL & GAS CORPORATION  
Attached hereto Sundry Notices and Reports on Wells dated July 7, 1997

Well Name & No.	API No.	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	Footages	Qtr/Qtr	Section	Township	Range	Field	County
CIGE #113D-21-9-21	43-047-31944	UTU-0576	Ute	2082' FNL & 1849' FEL	SW/NE	21	9S	21E	Natural Buttes	Uintah
CIGE #123-7-9-21	43-047-32047	UTU-0575B	N/A	1980' FNL & 1980' FEL	SW/NE	7	9S	21E	Natural Buttes	Uintah
CIGE #155-9-21	43-047-32157	UTU-011888	N/A	1613' FNL & 766' FEL	SE/NE	9	9S	21E	Natural Buttes	Uintah
CIGE #46-21-9-21	43-047-30529	U-0576	Ute	1019' FNL & 778' FEL	NE/NE	21	9S	21E	Natural Buttes	Uintah
CIGE #70-20-9-21	43-047-30636	U-0575	Ute	1894' FSL & 804' FEL	NE/SE	20	9S	21E	Natural Buttes	Uintah
CIGE #72-18-9-21	43-47-30634	U-0575	Ute	2049' FNL & 2291' FEL		18	9S	21E	Natural Buttes	Uintah
CIGE #90D-9-9-21J	43-047-31149	U-01188-B	Ute	774' FNL & 1942' FEL		9	9S	21E	Natural Buttes	Uintah
CIGE #91D-15-9-21J	43-47-31151	U-01188	Ute	630' FNL & 1652' FEL	NW/NE	15	9S	21E	Natural Buttes	Uintah
NBU #103	43-047-31956	UTU-0141315	Ute	2026' FNL & 1932' FWL	SE/NW	10	9S	21E	Natural Buttes	Uintah
NBU #111	43-47-31920	U-01194-ST	N/A	1982' FNL & 785' FWL	SW/NW	25	9S	21E	Natural Buttes	Uintah
NBU #120	43-047-31972	UTU-0141315	Ute	891' FNL & 532' FWL	NW/NW	10	9S	21E	Natural Buttes	Uintah
NBU #132	43-047-31938	U-01194	N/A	594' FNL & 850' FWL	NWNW	26	9S	21E	Natural Buttes	Uintah
NBU #142	43-047-32013	UTU-025187	N/A	1652' FSL & 1034' FEL	NE/SE	10	10S	22E	Natural Buttes	Uintah
NBU #143	43-047-32297	U-0141315	Ute	1752' FNL & 1713' FEL	NW/NE	10	9S	21E	Natural Buttes	Uintah
NBU #15	43-047-30204	ML-10170-01	N/A	1805' FWL & 601' FSL		26	9S	21E	Natural Buttes	Uintah
NBU #174	43-47-32193	U-0141315	N/A	454' FNL & 1154' FWL	NW/NW	11	9S	21E	Natural Buttes	Uintah
NBU #20	43-047-30250	U-0576	N/A	1330' FSL & 1330' FWL	SW	28	9S	21E	Natural Buttes	Uintah
NBU #205	43-047-32795	ML-23612	N/A	2110' FNL & 2607' FEL	SW/NE	1	10S	21E	Natural Buttes	Uintah
NBU #213	43-047-32401	U-025187	N/A	908' FNL & 1159' FWL	NW/NW	15	10S	22E	Natural Buttes	Uintah
NBU #217	43-047-32480	U-0576	Ute	1978' FSL & 2296' FWL	NE SW	28	9S	21E	Natural Buttes	Uintah
NBU #26	43-047-30252	U-01194-A-ST	N/A	1320' FSL & 1320' FEL		27	9S	21E	Natural Buttes	Uintah
NBU #31	43-047-30307	U-01197-A	N/A	1640' FWL & 1221' FSL	SW/SW	11	10S	22E	Natural Buttes	Uintah
NBU #39	43-047-30861	U-0132568A	N/A	1019' FWL & 956' FSL	SW/SW	29	10S	22E	Natural Buttes	Uintah
NBU #4	43-047-30056	U-0149075	N/A	757' FEL & 1399' FSL		23	9S	21E	Natural Buttes	Uintah
NBU #99	43-47-31745	U01194-ST	N/A	660' FSL & 660' FWL	SW/SW	25	9S	21E	Natural Buttes	Uintah

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

8 South 1200 East CITY Vernal STATE Utah ZIP 84078

PHONE NUMBER:

435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: Name Change

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT)

John T. Elzner

TITLE

Vice President

SIGNATURE

DATE

06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT)

John T. Elzner

TITLE

Vice President

SIGNATURE

DATE

06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

*State of Delaware*  
*Office of the Secretary of State*

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PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 14 2001

DIVISION OF  
OIL, GAS AND MINING



*Harriet Smith Windsor*  
*Harriet Smith Windsor, Secretary of State*

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

## CERTIFICATE OF AMENDMENT

OF

## CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST," so that, as amended, said Article shall be and read as follows:

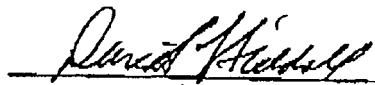
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL &amp; GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
(Margaret E. Roark, Assistant Secretary)

RECEIVED

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

**RECEIVED**

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:  
3106  
UTSL-065841  
(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company : Oil and Gas  
Nine Greenway Plaza :  
Houston TX 77046-0095 :

#### Name Change Recognized


Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah, DOGM~~, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

### Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH		4-KAS
2. CDW ✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X**      **Merger**The operator of the well(s) listed below has changed, effective: **3-09-2001****FROM: (Old Operator):**

COASTAL OIL &amp; GAS CORPORATION

Address: 9 GREENWAY PLAZA STE 2721

HOUSTON, TX 77046-0995

Phone: 1-(713)-418-4635

Account N0230

**TO: ( New Operator):**

EL PASO PRODUCTION OIL &amp; GAS COMPANY

Address: 9 GREENWAY PLAZA STE 2721 RM 2975B

HOUSTON, TX 77046-0995

Phone: 1-(832)-676-4721

Account N1845

**CA No.****Unit: NATURAL BUTTES****WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 6	43-047-30083	2900	24-09S-21E	FEDERAL	GW	P
NBU 210-24	43-047-31153	2900	24-09S-21E	FEDERAL	GW	P
NBU 219-24	43-047-31308	2900	24-09S-21E	FEDERAL	GW	P
NBU 301-24E	43-047-32131	2900	24-09S-21E	FEDERAL	GW	P
NBU 336-24E	43-047-32264	2900	24-09S-21E	FEDERAL	GW	P
NBU 386-24E	43-047-33056	2900	24-09S-21E	FEDERAL	GW	P
NBU 111	43-047-31920	2900	25-09S-21E	FEDERAL	GW	P
NBU 320	43-047-33201	99999	25-09S-21E	STATE	GW	APD
NBU 15	43-047-30204	2900	26-09S-21E	FEDERAL	GW	P
NBU 107	43-047-31916	2900	26-09S-21E	FEDERAL	GW	P
NBU 132	43-047-31938	2900	26-09S-21E	FEDERAL	GW	P
NBU 190	43-047-32232	2900	26-09S-21E	FEDERAL	GW	P
NBU 109	43-047-31917	2900	27-09S-21E	FEDERAL	GW	P
NBU 20	43-047-30250	2900	28-09S-21E	FEDERAL	GW	P
NBU 56	43-047-30884	2900	28-09S-21E	FEDERAL	GW	P
NBU 110	43-047-31924	2900	28-09S-21E	FEDERAL	GW	P
NBU 133	43-047-31950	2900	28-09S-21E	FEDERAL	GW	P
NBU 134	43-047-32011	2900	28-09S-21E	FEDERAL	GW	P
NBU 166	43-047-32065	2900	28-09S-21E	FEDERAL	GW	P
NBU 175	43-047-32143	2900	28-09S-21E	FEDERAL	GW	P

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143



5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 07/10/2001
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

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**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 07/31/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/31/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

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**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: WY 2793

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**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

---

**COMMENTS:** Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

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JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2



## WESTPORT OIL AND GAS COMPANY, L.P.

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,  
Westport Oil and Gas Company, L.P.

Debby J. Black  
Engineer Technician

Encl;



# United States Department of the Interior **RECEIVED**

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

### NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

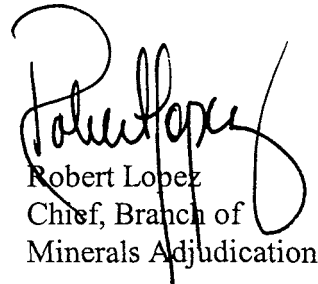
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

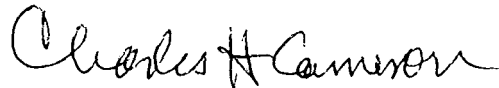
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono





## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

IN REPLY REFER TO:

Real Estate Services

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

ACTING

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 9 Greenway Plaza Houston TX 77064-0995 PHONE NUMBER: (832) 676-5933

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

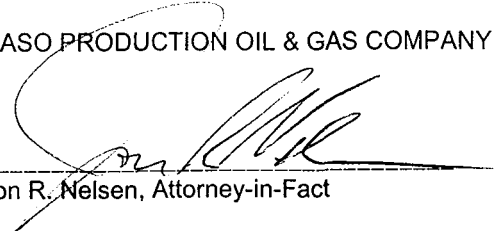
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.  
NAME (PLEASE PRINT) David R. Dix

TITLE Agent and Attorney-in-Fact

SIGNATURE 

DATE 12/17/02

(This space for State use only)



Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	SUCCESSOR OF
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

DIV. OF OIL, GAS &amp; MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW ✓

3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

**CA No.** **Unit: NATURAL BUTTES****WELL(S)**

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 336-24E	24-09S-21E	43-047-32264	2900	FEDERAL	GW	P
NBU 386-24E	24-09S-21E	43-047-33056	2900	FEDERAL	GW	P
NBU CIGE 99D-25-9-21J	25-09S-21E	43-047-31223	2900	STATE	GW	P
CIGE 42-25-9-21	25-09S-21E	43-047-30492	2900	STATE	GW	P
CIGE 98D-25-9-21	25-09S-21E	43-047-31727	2900	STATE	GW	P
COG NBU 97-25E	25-09S-21E	43-047-31744	2900	STATE	GW	P
COG NBU 99	25-09S-21E	43-047-31745	2900	STATE	GW	P
NBU 111	25-09S-21E	43-047-31920	2900	FEDERAL	GW	P
CIGE 142-25-9-21	25-09S-21E	43-047-31994	2900	STATE	GW	P
NBU 167	25-09S-21E	43-047-32054	2900	STATE	GW	S
CIGE 234-25-9-21	25-09S-21E	43-047-32873	2900	STATE	GW	P
NBU 301	25-09S-21E	43-047-32859	2900	STATE	GW	P
NBU 320	25-09S-21E	43-047-33201	2900	STATE	GW	APD
CIGE 235-25-9-21	25-09S-21E	43-047-32858	2900	STATE	GW	P
NBU 257	25-09S-21E	43-047-32790	2900	STATE	GW	P
UTE TRAIL U ST 11	25-09S-21E	43-047-15380	2900	STATE	GW	PA
CIGE 172-25-9-21	25-09S-21E	43-047-32325	2900	STATE	GW	P
NBU 154	26-09S-21E	43-047-32003	2900	STATE	GW	P
COG NBU 60	26-09S-21E	43-047-31728	2900	STATE	GW	P
NBU 15	26-09S-21E	43-047-30204	2900	FEDERAL	GW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted contacted on: \_\_\_\_\_

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 03/12/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 03/12/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238

2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Multiple Wells - see attached

5. Lease Serial No.

Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Uintah County, UT

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached. Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

COPY SENT TO OPERATOR

Date:

Initials:

Date:

Initials:

Date:

Initials:

Date:

Initials:

Date:

Initials:

Date:

Initials:

Date:

Initials:

Date:

Initials:

Date:

Initials:

Date:

Title

Operations Manager

SEP 10 2003

DIV. OF OIL, GAS &amp; MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date

Federal Approval of This  
Action is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date:

BY:

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

# Westport Oil & Gas, L.P.

## Project Economics Worksheet

### Instructions:

Fill in blue areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ???

N

(Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULLING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
<b>Totals</b>	<b>\$0</b>	<b>\$350</b>	<b>\$350</b>

Increased OPX Per Year

### Investment Breakdown:

Cap/Exp Code	Cost, \$
Capital \$ 820/830/840	\$1,200
Expense \$ 830/860	\$0
<b>Total \$</b>	<b>\$1,200</b>

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

### Production & OPX Detail:

	Before		After		Difference
Oil Production	0.192	BOPD	0.194	BOPD	0.002
Gas Production	0	MCFPD	0	MCFPD	0
Wtr Production	0	BWPD	0	BWPD	0
Horse Power		HP		HP	0
Fuel Gas Burned		MCFPD		MCFPD	0

### Project Life:

Life = 20.0 Years  
(Life no longer than 20 years)

### Internal Rate of Return:

After Tax IROR = #DIV/0!

### AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

### Payout Calculation:

$$\text{Payout} = \frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}} = 1$$

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

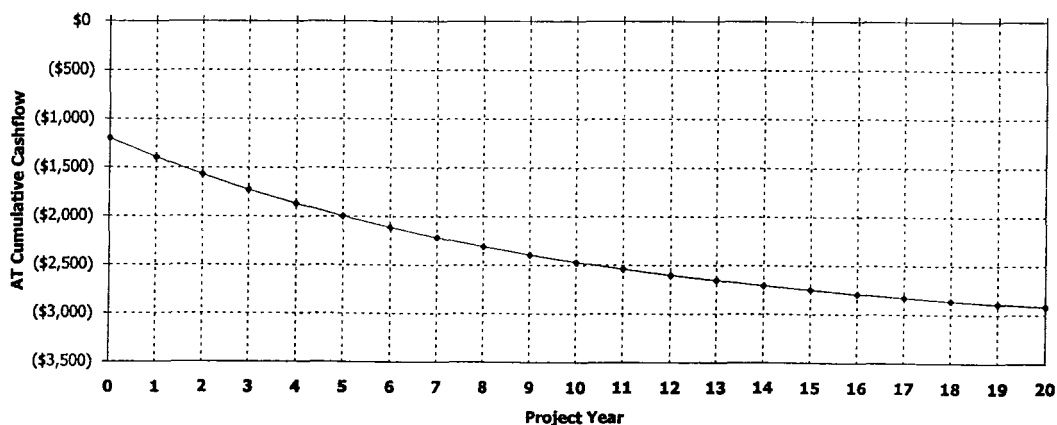
### Gross Reserves:

Oil Reserves = 6 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

### Notes/Assumptions:

An average NBU well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.196 Bcpd if 6 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



# Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

## COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio ( scf/STbbl ) (A)	Specific Gravity of Flashed Gas ( Air=1.000 )	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

### Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

### Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

WELL	LEGALS	STFLEASENO	CANUMBER	APINO
CIGE 258	18-9-21 NWSE	UTU0891	891008900A	430473486700S1 ✓
CIGE 259	6-10-21 SWNE	UTU01791	891008900A	430473436700S1
CIGE 260	6-10-21 NENE	UTU01791	891008900A	430473436800S1
CIGE 261	7-10-21 NWSE	UTU02270A	891008900A	430473436900S1
CIGE 262	7-10-21 SENE	UTU01791	891008900A	430473437000S1
CIGE 263	19-10-22 SESE	ML20714	891008900A	430473422600S1
CIGE 264	19-10-21 SWSW	ML-22792	891008900A	430473422700S1
CIGE 265	15-9-20 SENE	UTU0144868	891008900A	430473478100S1
CIGE 266	33-9-22 NWSW	UTU01191A	891008900A	430473438600S1
CIGE 268	8-10-22 NWSE	UTU01196E	891008900A	430473441200S1
CIGE 271	32-9-22 SWNE	ML22649	891008900A	430473479500S1
CIGE 274	13-9-21 NENW	UTU01193	891008900A	430473477800S1
CIGE 275	21-10-21 NENW	UTU02278	891008900A	430473479900S1
CIGE 276	21-10-21 SWNW	UTU02278	891008900A	430473441700S1
CIGE 277	21-10-21 NWNW	UTU02278	891008900A	430473480000S1
CIGE 278	14-10-21 NESE	UTU01393C	891008900A	430473444500S1 ✓
CIGE 279	14-10-21 SESE	UTU01393C	891008900A	430473447900S1 ✓
CIGE 280	5-10-22 SWNW	UTU01195	891008900A	430473444300S1 ✓
CIGE 281	5-10-22 NWSW	UTU01191A	891008900A	430473444400S1 ✓
CIGE 282	7-10-22 NENE	ML23609	891008900A	430473443600S1 ✓
CIGE 283	35-9-21 SESE	ML22582	891008900A	430473479000S1 ✓
CIGE 284	1-10-21 SWNW	ML23612	891008900A	430473479200S1
CIGE 285	2-10-21 NENE	ML22652	891008900A	430473479300S1
CIGE 286	9-10-21 SENE	U01416	891008900A	430473479700S1
CIGE 287	9-10-21 NWSE	U01416	891008900A	430473479800S1
CIGE 288	21-9-21 NWSE	UTU0576	891008900A	430473484800S1
CIGE 289	7-9-21 NWSE	UTU0575B	891008900A	430473486500S1 ✓
CIGE 290	10-10-21 NESE	UTU0149079	891008900A	430473486900S1
CIGE 291	10-10-21 NWSE	UTU0149079	891008900A	430473486800S1
CIGE 292	8-10-22 SESE	UTU01196E	891008900A	430473487100S1
CIGE 293	8-10-22 SWSE	UTU01196E	891008900A	430473483800S1
CIGE 294	8-10-22 NENW	UTU466	891008900A	430473487000S1
CIGE 295	14-10-22 NENW	UTU01197A-ST	891008900A	430473482000S1
CIGE 296	14-10-22 NWNW	U01197A-ST	891008900A	430473485800S1 ✓
CIGE 297	14-10-22 SWNW	U01197A-ST	891008900A	430473485700S1 ✓
CIGE 298	9-10-22 SESW	UTU01196B	891008900A	430473485500S1
CIGE 299	14-10-22 NWSW	UTU468	891008900A	430473485900S1
NBU 004	23-9-21 NESE	UTU0149075	891008900A	430473005600S1
NBU 006	24-9-21 NWSE	UTU0149076	891008900A	430473008300S1
NBU 015	26-9-21 SESW	U99070-01	891008900A	430473020400S1
NBU 016	34-9-22 SWSE	UTU0149077	891008900A	430473020900S1
NBU 018	10-10-22 SWNE	UTU025187	891008900A	430473022100S1
NBU 020	28-9-21 NESW	U05676	891008900A	430473025000S1
NBU 022	18-10-22 SENE	ML22973	891008900A	430473025600S1
NBU 023	19-9-22 SWNE	UTU0284	891008900A	430473086800S1
NBU 024N2	12-10-22 SESE	U01197A	891008900A	430473053500S1
NBU 026	27-9-21 CSE	U01194A	891008900A	430473025200S1 ✓
NBU 027	33-9-21 NESW	U015630	891008900A	430473030400S1
NBU 027A	33-9-21 SWNE	U015630	891008900A	430473039800S1
NBU 028	13-10-21 NWSE	ML23608	891008900A	430473030500S1
NBU 029	11-10-21 NESW	UTU0149080	891008900A	430473030200S1
NBU 030	16-10-22 SWSE	ML22653	891008900A	430473030600S1
NBU 031	11-10-22 SESW	U01197A	891008900A	430473030700S1 ✓
NBU 032Y	20-9-22 NWNW	UTU0284	891008900A	430473051400S1
NBU 033Y	18-10-21 NWNW	UTU02270A	891008900A	430473050400S1
NBU 035Y	29-9-21 NWSE	UTU0581	891008900A	430473050300S1
NBU 036Y	30-9-21 SENE	UTU0581	891008900A	430473060300S1
NBU 037XP	3-10-22 SESE	UTU01191A	891008900A	430473072400S1
NBU 038N2	13-10-22 NWSW	U06512	891008900A	430473053600S1
NBU 039	29-10-22 SWSW	UTU0132568A	891008900A	430473086100S1
NBU 041J	31-9-22 NWSW	ML23607	891008900A	430473122400S1 ✓

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ  
 2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**  
 N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**TO: ( New Operator):**  
 N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

CA No.		Unit:		NATURAL BUTTES UNIT		
WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on:
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok

- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet

**7. Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006

**8. Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on:
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
 The Division sent response by letter on:

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005239

APPROVED 5/16/06

Earlene Russell

Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Signature

Title

DRILLING MANAGER

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other CHANGE OF OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06

Earlene Russell  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P.	:	
1999 Broadway, Suite 3700	:	Oil & Gas
Denver, CO 80202	:	

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

### Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

### Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

U.S. DEPT. OF THE INTERIOR

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> U-10157			
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  			
<b>2. NAME OF OPERATOR:</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.		<b>7. UNIT or CA AGREEMENT NAME:</b> NATURAL BUTTES			
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18th Street, Suite 600, Denver, CO, 80217 3779		<b>8. WELL NAME and NUMBER:</b> NBU 15			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 0601 FSL 1805 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESW Section: 26 Township: 09.0S Range: 21.0E Meridian: S		<b>9. API NUMBER:</b> 43047302040000			
<b>5. FIELD and POOL or WILDCAT:</b> NATURAL BUTTES		<b>6. COUNTY:</b> UTAH			
<b>7. STATE:</b> UTAH					
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 3/7/2012  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text" value="Cement Remediation"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Cement Remediation"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="Cement Remediation"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> The operator requests sundry approval for the attached well procedure. The NBU 15 well has been identified as requiring remediation and is currently being monitored and handled by our bradenhead best management practices. Thank you.					
<b>Accepted by the Utah Division of Oil, Gas and Mining</b>  <b>Date:</b> March 20, 2012 <b>By:</b> <u>Derek Quist</u>					
<b>NAME (PLEASE PRINT)</b> Jaime Scharnowske	<b>PHONE NUMBER</b> 720 929-6304	<b>TITLE</b> Regulatory Analyst			
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/7/2012				

**Name:** NBU 15  
**Location:** SE SW SEC 26 T9S R21E  
**LAT:** 40.0015 **LONG:** -109.52112

**Potential Surface Casing Squeeze**

Uintah County, UT

**ELEVATIONS:** 4663' GL 4675' KB

**TOTAL DEPTH:** 9005' **PBTD:** 5752'

**SURFACE CASING:** 8 5/8", 24# @ 2008'

**PRODUCTION CASING:** 4 1/2", 11.6# N80 @ 8986'

**EOT @ 5443'**

**TUBULAR PROPERTIES:**

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.7# J-55 tbg	7,700	8,100	1.901"	0.00387	0.1624
4 1/2" 11.6# N-80 (See above)	7780	6350	3.875"	0.0155	0.6528
2 3/8" by 4 1/2" Annulus				0.0101	0.4227

**TOPS (Updated 2012 from offset Projections):**

1441' Green River Top  
 1734' Bird's Nest Top  
 2114' Mahogany Top  
 4719' Wasatch Top

**Contacts:**

WIKERSON, DAVE	828-8921	OPERATOR
RASMUSSEN, JERRY	828-8239	FOREMAN
JENSEN, STEVE	828-6113	MECH LEAD
PORTILLO, JORDAN	781-9785/828-6221	ENGINEER

**Relevant History:**

- 1/16/85 – Casing leak remediation / recompletion – Set EZSV at 5752' w/ wireline cap with 2 sx sand – blew down annulus from 1100 psi to 200 psi. RIH csg gun 3 SPF @ 5600', pump with retainer 4400'-650 sx 50-50 poz mix w/ 2% gel and 10% salt at 4 BPM and 2000 psi, got oil and water returns at end of job. Cement hole @ 3200', TIH packer at 2005' and pump 200 sx 50-50 Poz mix and 100 sx Class H cement. 2/8 – perforate and recomplete Wasatch.

**Symptoms:**

- High surface casing pressure.

**Procedure Outline:**

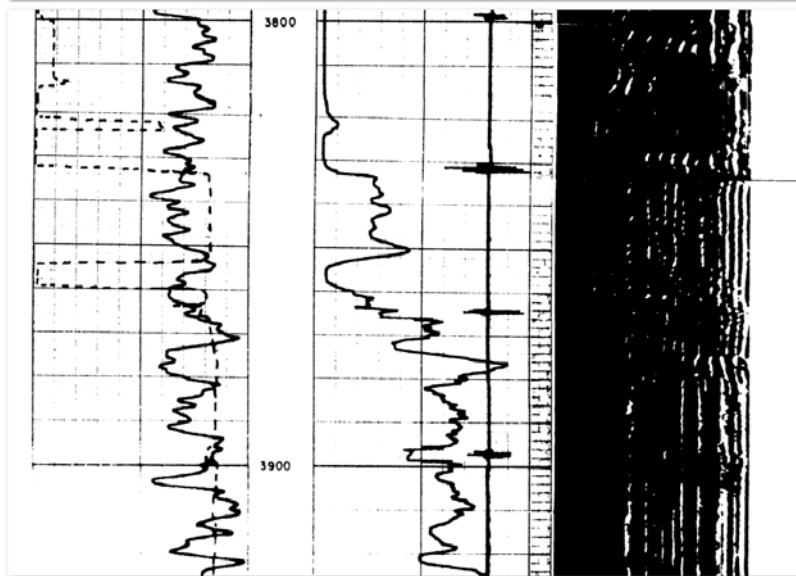
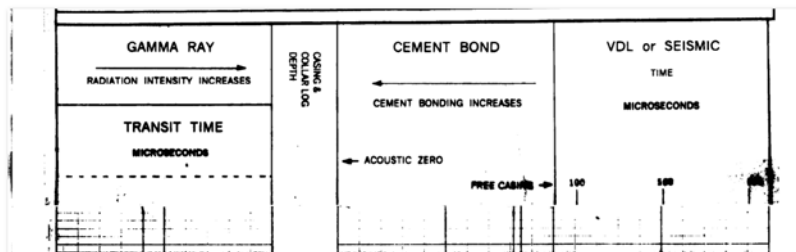
- MIRU. N/D WH. N/U BOP. Unland tubing and TOO. (Scan Tubing)
- With Wireline, RIH w/ gauge ring and junk basket to ~5200'. RIH W/ 4-1/2" CBP set same @ ~5100'.
- Pressure test plug and casing to 500 psi for 20 min. If the pressure test fails, run in with a packer and identify casing failure location. Contact engineer.
- POOH. Rig up perforating gun, RIH w/ gun to 4750, perforate 2' at 4 SPF. Rig down wireline.
- Establish injection rate. If rate not adequate consider spotting acid or additional perforations.
- RIH with CICR set same at 4740'
- Sting into CICR and establish injection rate.
- R/U cement company and pump recommended cement job into perforations from 4750'- 4752', based off injection rate and pressure. Circulate clean. Observe surface casing pressure.
- Sting out of CICR, POOH.
- RIH w/ 3-7/8" w/mill. CO retainer and cement to CBP. POOH, Run CBL from CBP to 2000'.
- RIH w/ 3-7/8" w/mill & CO to ~ 5730'.
- TOO. remove mill. Land tubing at +/- 5440'.
- N/D BOP. N/U WH. RDMO. Broach Tubing, RTP



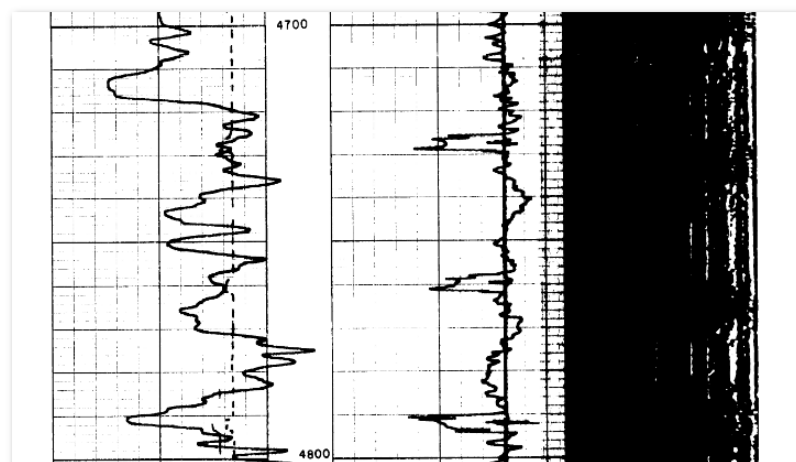
**Perforation Information:**

Legal Well Name	Date	MD Top (usft)	MD Base (usft)
NBU 15	1/22/1975	5,352	5,352
NBU 15	1/22/1975	5,357	5,357
NBU 15	1/22/1975	5,359	5,359
NBU 15	1/22/1975	5,361	5,361
NBU 15	1/22/1975	5,471	5,471
NBU 15	1/22/1975	5,475	5,475
NBU 15	1/22/1975	5,539	5,539
NBU 15	1/22/1975	5,544	5,544
NBU 15	1/22/1975	5,549	5,549
NBU 15	1/22/1975	5,550	5,550
NBU 15	1/22/1975	5,686	5,686
NBU 15	1/22/1975	5,688	5,688

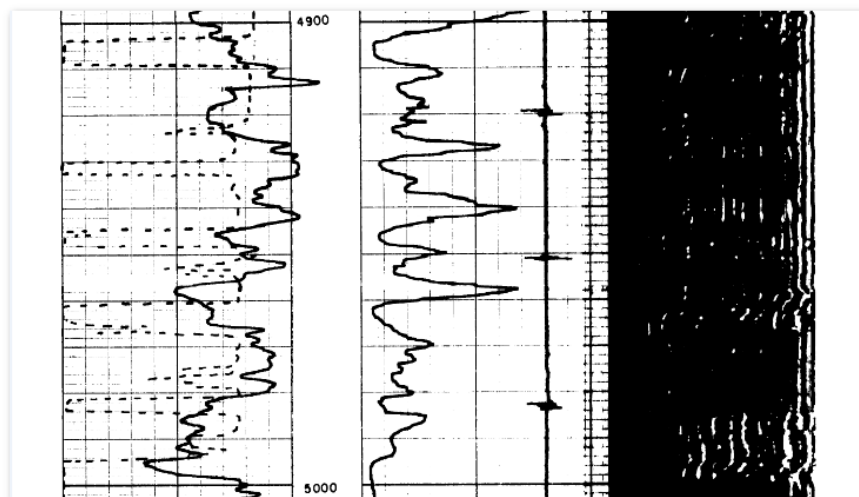
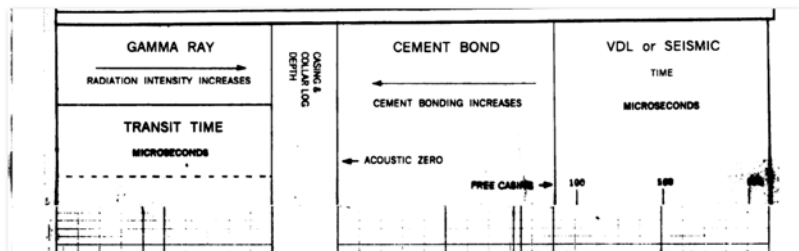
**CBL 1985**



Top of good Cement



Perforation location



Cement bond  
bottom